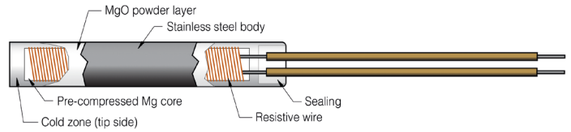
Zoppas Industries
Heating Element Technologies

ULTRAWATT CARTRIDGE HEATERS

ULTRAWATT CARTRIDGE HEATERS

Ultrawatt high density cartridges are stainless steel heating cylinders: the core is a nickel-chrome resistive wire wound between a pre-compressed magnesium oxide support and an oxide layer of magnesium oxide powder. This unique technology ensures high thermal transmission and excellent dielectric properties at elevated temperatures.
The special manufacturing process of Ultrawatt heaters, along with the use of the highest quality materials, allows to achieve very high operating temperatures (up to 750° C) also under severe environments conditions.
The collection, from Ø 6,35 mm to Ø 20 mm, includes also special models with imperial measurement unit. Depending on the diameter of the heating element a wide array of body lengths is available, in a range from 30 mm to 400 mm, satisfying the needs of many application sectors.
Different applications require different technical specifications: this is why the Ultrawatt cartridge catalog offers a wide range of configurations for sealing, cables, cable insulation, fastening systems.
Beside this, it is also possible to integrate a thermocouple temperature sensor inside the Ultrawatt cartridge, thus simplifying the electrical scheme: the sensor can be installed either in the middle of the body length or on the head-side of it.



DEFAULT CHARACTERISTICS

Ultrawatt catalog offers multiple choice options based on the size of the body and on the required power. From the basic characteristics onward, it is possible to customize the heater through a series of options that make it perfect for every purpose.

Default Characteristics	
Voltage	230 V
Power tolerance	+5% / -10%
Diameter range	6,35 ÷ 20 mm
Diameter tolerance	-0,03 / -0,08 mm
Length range	30 ÷ 400 mm
Length tolerance	+/- 2% (min +/-2 mm)
External Material	AISI321 (AISI304 for Ø 8 mm cartridges)
Maximum External Temperature	750°C
Maximum Watt Density	50 W/cm²
Max cables working temperature	300°C
Marking	CE
Shape	Straight
Sealing	Cement
Cables layout	Two single-phase cables
Cables material	Nickel
Cables insulation	Fiber glass + PTFE
Cable length	1000 mm
Cables protective hose	None
Terminals	Stripped
Connection types	Inside
Thermocouple	None

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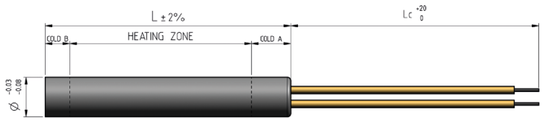
COLD AREA

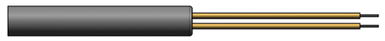
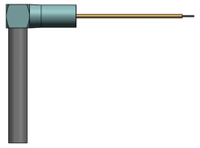
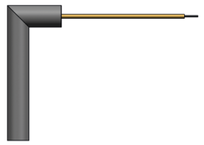
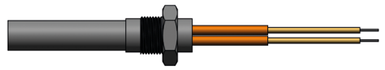
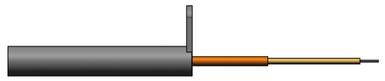
Each cartridge has two “cold” sections located at both ends of the body. On the cable side the cold section is necessary to enable the cables connections and the successive heater sealing; on the other side, the cold section is necessary to ensure a proper electrical insulation.
The cold section depends on the diameter of the body:

	All shapes	
	Technical data (mm)	
Ø	Minimum Bottom cold zone	Minimum Head cold zone
6.5	6	11
8.0	6	12
10.0	7	12
12.5	7	14
16.0	8	19
20.0	10	21
1/4“ (6,35)	6	11
3/8“ (9,5)	7	12
1/2“ (12,7)	7	14
5/8“ (15,9)	8	19



OPTION #1 - SHAPE

The great versatility of Ultrawatt heaters opens up to a wide range of applications, along with a boundless variety of operating conditions. In order to satisfy every need several body shapes are offered, taking into account the operating environments as well as the ease of installation and removal.

Standard		**Sleveless:** suitable for applications where the cartridge is installed inside moving parts. Nickel cables protrude from the heating body without junctions. With standard shape it is not possible to use copper cables.
2 single sleeves		**Two Sleeves:** this shape addresses solutions where special long cables up to 4m are required. The junction with the cartridge is protected by a second glass fiber insulation.
Rigid terminal		**Rigid terminals:** in some cases no power cord might be needed. In this option the cartridge is supplied with rigid terminations suitable for in-site connections.
90° Block		**Angular block:** the 90° bend termination with angular block is designed to ease installation and removal of the heating cartridge. Thanks to the angular block, the installation and removal of the cartridge can be facilitated with the use of standard tools.
90° 2x45°		**Angular tube:** the 90° bend is the most seemly solution to reduce the dimensions of the cartridge ends. The circular section of the terminal and the 45° cut with the heating body eases installation in special housings.
Nipple		**Threaded fitting:** this option allows fast and precise heater installation into threaded hole. Standard nipple is welded to the sheath, with a little projection at the lead end.
Mounting clamp		**Flange fitting:** if the heater is installed in vertical position or exposed to vibrations or impacts, a flange is necessary to hold the cartridge by mean of screws.
Locating ring		**Locating ring:** if mounting requirements are not critical a locating ring is used as a retaining collar to position a cartridge heater.

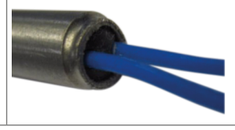
OPTION #2 - CABLES

The power supply cables bridge the cartridge body to the electrical. The options for the cables refer to both the conductive material and, above all, the insulating sheath: there's a solution for every type of use. The cable cross-section depends on the electrical parameters in the range between 0,5 mm^2 and 2 mm^2. The default option is Nickel wire with Fiberglass PTFE sheath.

Nickel Wire Fiberglass + PTFE Sheath		A default Nickel cable is installed on standard heaters. The cable is insulated by a fiberglass sheath, for working temperatures up to 300°C. Maximum leads length is 4m.
Nickel Wire Mica Tape + Fiberglass Braided Sheath		For severe working conditions such as a channel of a hot platen, a mica-tape-insulated cable is recommended. The mica-tape insulation is then protected by a fiberglass braided sheath that provides a temperature rating of 450°C.
Nickel Wire PTFE Sheath		Under normal working conditions, a PTFE cable with a temperature rating of 250°C is recommended. The PTFE insulation provides a good dielectric strength.
Copper Wire Silicone Sheath		Copper wire is the most widespread conductor. Along with a silicone sheath it provides a good trade-off between cable length and affordability. It provides a good moisture resistance with a temperature rating up to 200°C.

OPTION #3 - SEALING

Sealing is an important process for life cycle of the cartridge. It guarantees high standards of protection against attacks by external agents, mechanical resistance and resistance to aging. The right type of sealant depends on the operating conditions as well as on the type of cable. By default, sealing option is Cement.

Cement		Cement is the default sealing in standard cartridge heaters. It provides good protection against dust and it is suitable for applications with low vibrations. Over others sealing, it has the highest resistance to heat.
Epoxy		High sealing is guaranteed with epoxy, that provides protection against moisture, lubricants, cleaning solvents, plastic material and fumes. It also provides a very good mechanical strength if used with external joints. Epoxy is suitable in the range -55°C÷150°C.
Silicone Rubber		Suitable to protect against moisture and dust, silicone rubber sealing is recommended when silicone rubber leads are used. The sealing is effective with working temperature in the range -65°C÷220°C.
Pre-formed Silicon Cap		Perfect mechanical seal is achieved by compressing a pre-formed of silicone cap onto the open end of the heater. Due to mechanical working, longest unheated part is normally required to prevent seal from overheating. Pre-formed silicon cap sealing is suitable in the range -60°C÷250°C.

OPTION #4 - SLEEVE

Mechanical stress on cables can be very severe, for example as result of vibrations or moving bodies. Heavy conditions can cause progressive deterioration and damage to the cables. To prevent such eventualities it is prudent to protect the cables with special sheaths.

Silicone Coated Fiberglass Sleeving		Perfect in heavy duty applications, Silicone Flex Glass protection is made of silicone rubber coating on insulating fiberglass sleeve. It provides outstanding mechanical and electrical properties. Such performances, along with a high tear strength, make Silicone Flex Glass the first choice for packaging and plastics machines. Operating temperature range from -55°C to +230°C.
Galvanized Steel Flexible Hose		Flexible hose, made of galvanized steel, provides maximum lead protection from abrasion.

OPTION #5 - LEAD GROUND

Ground connection is a safety device that can be requested for particular applications according to the installation scheme. The cross-section of the ground connection cable is usually at least equal to the cross-section of the power cables.

Nickel wire Fiberglass sheath		Nickel wire with a Fiberglass glass sheath is suitable for operating temperature up to 250°C. Cross section is in accordance with the cross section of the leads.
Copper wire Silicon sheath		Copper wire with Silicone sheath option is suitable for operating temperature up 180°C. Cross section is in accordance with the cross section of the leads.

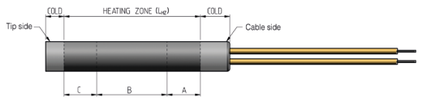
OPTION #6 - THERMOCOUPLE

The installation of a thermocouple, available in “J” type or in “K” type, simplifies the installation because it avoids the use of external temperature sensors. The available thermocouples comply with DIN 43714, are very flexible and resistant to many chemicals, fluids and oils.
The maximum temperature of the thermocouple connection cables is 200°C, while their length is equal to the length of the resistance cables.
There are some limitations on the installation of the thermocouple for some types of heating body, as well as for all cartridges with a length of less than 40 mm.

OPTION #7 - WATTAGE DISTRIBUTION

The resistive winding of a cartridge is uniformly distributed over the length of the hot section and this causes an uneven temperature distribution on the surface of said cartridge. In particular, in the mid-section the temperature is higher than at both ends.
In some particular installations, a uniform temperature distribution may be requested. The manufacturing technology of ZIHET Ultrawatt heaters allows to design different power zones to obtain the effects required by the specific application.

REINFORCED POWER ON BOTH ENDS $W = W_A + W_B + W_C$			
CODE	A	B	C
	25%L	50%L	25%L
	W%	-----	W%
D2	+20	-----	+20
D8	+30	-----	+30
D6	+40	-----	+40
D1	+50	-----	+50
D7	+60	-----	+60
D5	+80	-----	+80
D4	+100	-----	+100
D3	+130	-----	+130



“LHZ” is the overall length of the hot sections. Following a couple of examples of wattage distribution:

Ø10 x 100 mm HEATER 200W POWER			
Example #1: **D1 code**			
	A	B	C
mm	25	50	25
Watt	60	80	60
W/mm	2,4	1,6	2,4

Ø10 x 100 mm HEATER 200W POWER			
Example #2: **D5 code**			
	A	B	C
mm	25	50	25
Watt	64,3	71,4	64,3
W/mm	2,57	1,43	2,57

Diameters, lengths and standard range of power

Diameter	Length (Min-Max)	Power (Min-Max)	Watt density (Min-Max)
(mm) (inch)	(mm) (inch)	(W)	(W/cm²)
6,35 1/4	31,7÷152,4 1,25÷6	100÷600	10÷49
6,5 -	30÷160 -	100÷500	6÷44
8,0 -	30÷160 -	100÷600	7÷46
9,5 3/8	31,7÷203,2 1,25÷8	100÷1000	8÷43
10 -	30÷250 -	100÷1000	6÷50
12,5 -	40÷300 -	125÷2500	5÷48
12,7 1/2	31,7÷304,8 1,25÷12	100÷2000	7÷50
15,9 5/8	50,8÷304,8 2÷12	200÷2500	5÷46
16 -	40÷400 -	200÷2500	5÷46
20 -	60÷400 -	320÷4000	7÷47

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Legend

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	C	A	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

SHAPE	
A	Standard
B	2 single sleeves
C	Rigid terminals
D	90° Block
E	90° 2x45°
F	Nipple (Metric Thread)
I	Nipple (Imperial Thread)
G	Mounting clamp
H	Locating Ring

DIAMETER (mm)	
A	6,35 (1/4")
B	6,5
C	8
D	9,5 (3/8")
E	10
F	12,5
G	12,7 (1/2")
H	15,9 (5/8")
I	16
J	20

LENGHT (mm)
Numeric field

POWER (W)
Numeric field

DIFFERENTIATED POWER	
0	NO
A	D1
B	D2
C	D3
D	D4
E	D5
F	D6
G	D7
H	D8

VOLTAGE (V)	
A	230

OUTER MATERIAL	
A	AISI321
B	AISI304

WORKING TERMPERATURE	
A	350°C

INSTALLATION ENVIRONMENT	
A	Hole in a solid body

THERMOCOUPLE	
0	None
A	J disc side
B	J intermediate
C	K disc side
D	K intermediate

GROUND	
0	None
A	Ni FV 250°C
B	Cu Sil 180°C

SLEEVE LENGHT (mm)
Numeric field

SLEEVE	
0	None
A	Galvanized steel
B	Glass fiber

SEALING	
A	Cement
B	Resin
C	Liquid silicon
D	Silicon cap

CABLES LENGHT (mm)
Numeric field

CABLES	
0	NO
A	Ni/FV-PTFE 300°C
B	Ni/MICA-FV 450°C
C	Ni/PTFE 250°C
D	Cu-Sn / Sil 200°C

Configuration Example

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
1	C	A	B	D	0076				0300				0	230			A	1000				A	0	0000				0	0	0	0	A

SHAPE	
A	Standard
B	**2 single sleeves**
C	Rigid terminals
D	90° Block
E	90° 2x45°
F	Nipple (Metric Thread)
I	Nipple (Imperial Thread)
G	Mounting clamp
H	Locating Ring

DIAMETER (mm)	
A	6,35 (1/4")
B	6,5
C	8
D	**9,5 (3/8")**
E	10
F	12,5
G	12,7 (1/2")
H	15,9 (5/8")
I	16
J	20

LENGHT (mm)
76mm

POWER (W)
300W

DIFFERENTIATED POWER	
0	**NO**
A	D1
B	D2
C	D3
D	D4
E	D5
F	D6
G	D7
H	D8

VOLTAGE (V)	
A	**230V**

OUTER MATERIAL	
A	**AISI321**
B	AISI304

WORKING TERMPERATURE	
A	**350°C**

INSTALLATION ENVIRONMENT	
A	**Hole in a solid body**

THERMOCOUPLE	
0	**None**
A	J disc side
B	J intermediate
C	K disc side
D	K intermediate

GROUND	
0	**None**
A	Ni FV 250°C
B	Cu Sil 180°C

SLEEVE LENGHT (mm)
0mm (Sleeveless)

SLEEVE	
0	**NO**
A	Galvanized steel
B	Glass fiber

SEALING	
A	**Cement**
B	Resin
C	Liquid silicon
D	Silicon cap

CABLES LENGHT (mm)
1000mm

CABLES	
0	NO
A	**Ni/FV-PTFE 300°C**
B	Ni/MICA-FV 450°C
C	Ni/PTFE 250°C
D	Cu-Sn / Sil 200°C

Catalog

Below a list of possible configured Ultrawatt cartridge with default options (i.e. type of cables, cable length, etc.). For different configurations, such as cartridge with groung leads or with different type of sealant, please refer to CaPlam configurator.

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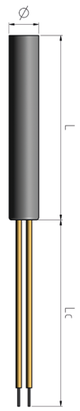
Heating Element Technologies

Standard Shape

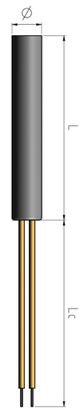
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/4	6,35	1,25	32	100	37	1CAA A0032 01000 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	100	25	1CAA A0038 01000 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	150	37	1CAA A0038 01500 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	200	49	1CAA A0038 02000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	100	15	1CAA A0051 01000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	150	23	1CAA A0051 01500 230 A1000A 00000 00AAA
	1/4	6,35	2	51	200	30	1CAA A0051 02000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	250	38	1CAA A0051 02500 230 A1000A 00000 00AAA
	1/4	6,35	2	51	300	45	1CAA A0051 03000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	150	16	1CAA A0064 01500 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	200	22	1CAA A0064 02000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	250	27	1CAA A0064 02500 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	300	32	1CAA A0064 03000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	400	43	1CAA A0064 04000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	150	13	1CAA A0076 01500 230 A1000A 00000 00AAA
	1/4	6,35	3	76	200	17	1CAA A0076 02000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	250	21	1CAA A0076 02500 230 A1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/4	6,35	3	76	300	25	1CAA A0076 03000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	400	34	1CAA A0076 04000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	200	14	1CAA A0089 02000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	300	21	1CAA A0089 03000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	400	28	1CAA A0089 04000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	450	31	1CAA A0089 04500 230 A1000A 00000 00AAA
	1/4	6,35	4	102	175	10	1CAA A0102 01750 230 A1000A 00000 00AAA
	1/4	6,35	4	102	250	15	1CAA A0102 02500 230 A1000A 00000 00AAA
	1/4	6,35	4	102	300	18	1CAA A0102 03000 230 A1000A 00000 00AAA
	1/4	6,35	4	102	350	21	1CAA A0102 03500 230 A1000A 00000 00AAA
	1/4	6,35	5	127	300	13	1CAA A0127 03000 230 A1000A 00000 00AAA
	1/4	6,35	5	127	350	16	1CAA A0127 03500 230 A1000A 00000 00AAA
	1/4	6,35	5	127	400	18	1CAA A0127 04000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	300	11	1CAA A0152 03000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	400	15	1CAA A0152 04000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	500	18	1CAA A0152 05000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	600	22	1CAA A0152 06000 230 A1000A 00000 00AAA

Standard Shape

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

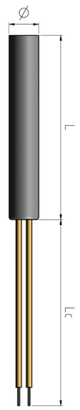
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		6,5		30	100	40	1CAA B0030 01000 230 A1000A 00000 00AAA
		6,5		40	100	22	1CAA B0040 01000 230 A1000A 00000 00AAA
		6,5		40	125	27	1CAA B0040 01250 230 A1000A 00000 00AAA
		6,5		40	160	35	1CAA B0040 01600 230 A1000A 00000 00AAA
		6,5		40	180	39	1CAA B0040 01800 230 A1000A 00000 00AAA
		6,5		40	200	44	1CAA B0040 02000 230 A1000A 00000 00AAA
		6,5		50	100	15	1CAA B0050 01000 230 A1000A 00000 00AAA
		6,5		50	125	19	1CAA B0050 01250 230 A1000A 00000 00AAA
		6,5		50	160	24	1CAA B0050 01600 230 A1000A 00000 00AAA
		6,5		50	200	30	1CAA B0050 02000 230 A1000A 00000 00AAA
		6,5		50	250	37	1CAA B0050 02500 230 A1000A 00000 00AAA
		6,5		60	125	14	1CAA B0060 01250 230 A1000A 00000 00AAA
		6,5		60	160	18	1CAA B0060 01600 230 A1000A 00000 00AAA
		6,5		60	180	21	1CAA B0060 01800 230 A1000A 00000 00AAA
		6,5		60	200	23	1CAA B0060 02000 230 A1000A 00000 00AAA
		6,5		60	250	28	1CAA B0060 02500 230 A1000A 00000 00AAA
		6,5		60	320	36	1CAA B0060 03200 230 A1000A 00000 00AAA
		6,5		80	125	10	1CAA B0080 01250 230 A1000A 00000 00AAA
		6,5		80	160	12	1CAA B0080 01600 230 A1000A 00000 00AAA
		6,5		80	180	14	1CAA B0080 01800 230 A1000A 00000 00AAA
		6,5		80	200	15	1CAA B0080 02000 230 A1000A 00000 00AAA
		6,5		80	250	19	1CAA B0080 02500 230 A1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		6,5		80	320	25	1CAA B0080 03200 230 A1000A 00000 00AAA
		6,5		80	350	27	1CAA B0080 03500 230 A1000A 00000 00AAA
		6,5		100	125	7	1CAA B0100 01250 230 A1000A 00000 00AAA
		6,5		100	160	9	1CAA B0100 01600 230 A1000A 00000 00AAA
		6,5		100	200	12	1CAA B0100 02000 230 A1000A 00000 00AAA
		6,5		100	250	15	1CAA B0100 02500 230 A1000A 00000 00AAA
		6,5		100	320	19	1CAA B0100 03200 230 A1000A 00000 00AAA
		6,5		100	350	20	1CAA B0100 03500 230 A1000A 00000 00AAA
		6,5		100	400	23	1CAA B0100 04000 230 A1000A 00000 00AAA
		6,5		130	150	6	1CAA B0130 01500 230 A1000A 00000 00AAA
		6,5		130	200	9	1CAA B0130 02000 230 A1000A 00000 00AAA
		6,5		130	250	11	1CAA B0130 02500 230 A1000A 00000 00AAA
		6,5		130	300	13	1CAA B0130 03000 230 A1000A 00000 00AAA
		6,5		130	350	15	1CAA B0130 03500 230 A1000A 00000 00AAA
		6,5		130	400	17	1CAA B0130 04000 230 A1000A 00000 00AAA
		6,5		160	200	7	1CAA B0160 02000 230 A1000A 00000 00AAA
		6,5		160	250	8	1CAA B0160 02500 230 A1000A 00000 00AAA
		6,5		160	300	10	1CAA B0160 03000 230 A1000A 00000 00AAA
		6,5		160	350	12	1CAA B0160 03500 230 A1000A 00000 00AAA
		6,5		160	400	13	1CAA B0160 04000 230 A1000A 00000 00AAA
		6,5		160	450	15	1CAA B0160 04500 230 A1000A 00000 00AAA
		6,5		160	500	17	1CAA B0160 05000 230 A1000A 00000 00AAA

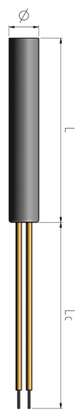
Zoppas Industries
Heating Element Technologies

Standard Shape

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



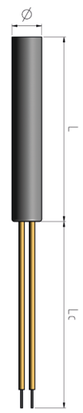
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		8		30	100	36	1CAA C0030 01000 230 A1000A 00000 00AAB
		8		30	125	45	1CAA C0030 01250 230 A1000A 00000 00AAB
		8		40	100	19	1CAA C0040 01000 230 A1000A 00000 00AAB
		8		40	125	23	1CAA C0040 01250 230 A1000A 00000 00AAB
		8		40	140	26	1CAA C0040 01400 230 A1000A 00000 00AAB
		8		40	160	30	1CAA C0040 01600 230 A1000A 00000 00AAB
		8		40	200	37	1CAA C0040 02000 230 A1000A 00000 00AAB
		8		40	250	46	1CAA C0040 02500 230 A1000A 00000 00AAB
		8		50	125	16	1CAA C0050 01250 230 A1000A 00000 00AAB
		8		50	160	20	1CAA C0050 01600 230 A1000A 00000 00AAB
		8		50	200	25	1CAA C0050 02000 230 A1000A 00000 00AAB
		8		50	250	31	1CAA C0050 02500 230 A1000A 00000 00AAB
		8		50	320	40	1CAA C0050 03200 230 A1000A 00000 00AAB
		8		60	125	12	1CAA C0060 01250 230 A1000A 00000 00AAB
		8		60	160	15	1CAA C0060 01600 230 A1000A 00000 00AAB
		8		60	200	19	1CAA C0060 02000 230 A1000A 00000 00AAB
		8		60	250	24	1CAA C0060 02500 230 A1000A 00000 00AAB
		8		60	280	27	1CAA C0060 02800 230 A1000A 00000 00AAB
		8		60	320	30	1CAA C0060 03200 230 A1000A 00000 00AAB
		8		60	400	38	1CAA C0060 04000 230 A1000A 00000 00AAB
		8		80	160	10	1CAA C0080 01600 230 A1000A 00000 00AAB



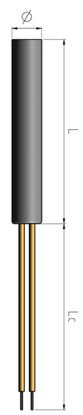
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		8		80	200	13	1CAA C0080 02000 230 A1000A 00000 00AAB
		8		80	250	16	1CAA C0080 02500 230 A1000A 00000 00AAB
		8		80	280	18	1CAA C0080 02800 230 A1000A 00000 00AAB
		8		80	320	20	1CAA C0080 03200 230 A1000A 00000 00AAB
		8		80	400	25	1CAA C0080 04000 230 A1000A 00000 00AAB
		8		80	400	25	1CAA C0080 04000 230 A1000A 00000 00AAB
		8		100	160	8	1CAA C0100 01600 230 A1000A 00000 00AAB
		8		100	200	10	1CAA C0100 02000 230 A1000A 00000 00AAB
		8		100	250	12	1CAA C0100 02500 230 A1000A 00000 00AAB
		8		100	280	13	1CAA C0100 02800 230 A1000A 00000 00AAB
		8		100	320	15	1CAA C0100 03200 230 A1000A 00000 00AAB
		8		100	400	19	1CAA C0100 04000 230 A1000A 00000 00AAB
		8		130	200	7	1CAA C0130 02000 230 A1000A 00000 00AAB
		8		130	250	9	1CAA C0130 02500 230 A1000A 00000 00AAB
		8		130	320	11	1CAA C0130 03200 230 A1000A 00000 00AAB
		8		130	400	14	1CAA C0130 04000 230 A1000A 00000 00AAB
		8		160	250	7	1CAA C0160 02500 230 A1000A 00000 00AAB
		8		160	320	9	1CAA C0160 03200 230 A1000A 00000 00AAB
		8		160	450	12	1CAA C0160 04500 230 A1000A 00000 00AAB
		8		160	500	14	1CAA C0160 05000 230 A1000A 00000 00AAB
		8		160	600	17	1CAA C0160 06000 230 A1000A 00000 00AAB

Standard Shape

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	3/8	9,5	1,25	32	100	28	1CAA D0032 01000 230 A1000A 00000 00AAA
	3/8	9,5	1,25	32	125	35	1CAA D0032 01250 230 A1000A 00000 00AAA
	3/8	9,5	1,25	32	150	42	1CAA D0032 01500 230 A1000A 00000 00AAA
	3/8	9,5	1,5	38	100	18	1CAA D0038 01000 230 A1000A 00000 00AAA
	3/8	9,5	1,5	38	150	27	1CAA D0038 01500 230 A1000A 00000 00AAA
	3/8	9,5	1,5	38	200	36	1CAA D0038 02000 230 A1000A 00000 00AAA
	3/8	9,5	2	51	100	11	1CAA D0051 01000 230 A1000A 00000 00AAA
	3/8	9,5	2	51	150	16	1CAA D0051 01500 230 A1000A 00000 00AAA
	3/8	9,5	2	51	200	21	1CAA D0051 02000 230 A1000A 00000 00AAA
	3/8	9,5	2	51	300	32	1CAA D0051 03000 230 A1000A 00000 00AAA
	3/8	9,5	2	51	400	43	1CAA D0051 04000 230 A1000A 00000 00AAA
	3/8	9,5	2,5	64	100	8	1CAA D0064 01000 230 A1000A 00000 00AAA
	3/8	9,5	2,5	64	200	15	1CAA D0064 02000 230 A1000A 00000 00AAA
	3/8	9,5	2,5	64	300	23	1CAA D0064 03000 230 A1000A 00000 00AAA
	3/8	9,5	2,5	64	400	30	1CAA D0064 04000 230 A1000A 00000 00AAA
	3/8	9,5	3	76	150	9	1CAA D0076 01500 230 A1000A 00000 00AAA
	3/8	9,5	3	76	200	12	1CAA D0076 02000 230 A1000A 00000 00AAA
	3/8	9,5	3	76	300	17	1CAA D0076 03000 230 A1000A 00000 00AAA
	3/8	9,5	3	76	400	23	1CAA D0076 04000 230 A1000A 00000 00AAA
	3/8	9,5	3	76	500	29	1CAA D0076 05000 230 A1000A 00000 00AAA
	3/8	9,5	3	76	600	35	1CAA D0076 06000 230 A1000A 00000 00AAA
	3/8	9,5	3,5	89	300	14	1CAA D0089 03000 230 A1000A 00000 00AAA
	3/8	9,5	3,5	89	400	19	1CAA D0089 04000 230 A1000A 00000 00AAA
	3/8	9,5	3,5	89	500	24	1CAA D0089 05000 230 A1000A 00000 00AAA

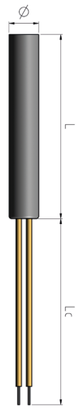


Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	3/8	9,5	3,5	89	500	24	1CAA D0089 05000 230 A1000A 00000 00AAA
	3/8	9,5	4	102	200	8	1CAA D0102 02000 230 A1000A 00000 00AAA
	3/8	9,5	4	102	300	12	1CAA D0102 03000 230 A1000A 00000 00AAA
	3/8	9,5	4	102	400	16	1CAA D0102 04000 230 A1000A 00000 00AAA
	3/8	9,5	4	102	500	20	1CAA D0102 05000 230 A1000A 00000 00AAA
	3/8	9,5	4	102	600	24	1CAA D0102 06000 230 A1000A 00000 00AAA
	3/8	9,5	4	102	750	30	1CAA D0102 07500 230 A1000A 00000 00AAA
	3/8	9,5	5	127	400	12	1CAA D0127 04000 230 A1000A 00000 00AAA
	3/8	9,5	5	127	500	15	1CAA D0127 05000 230 A1000A 00000 00AAA
	3/8	9,5	5	127	800	24	1CAA D0127 08000 230 A1000A 00000 00AAA
	3/8	9,5	5	127	1000	31	1CAA D0127 10000 230 A1000A 00000 00AAA
	3/8	9,5	6	152	400	10	1CAA D0152 04000 230 A1000A 00000 00AAA
	3/8	9,5	6	152	500	12	1CAA D0152 05000 230 A1000A 00000 00AAA
	3/8	9,5	6	152	600	15	1CAA D0152 06000 230 A1000A 00000 00AAA
	3/8	9,5	6	152	800	20	1CAA D0152 08000 230 A1000A 00000 00AAA
	3/8	9,5	6	152	1000	25	1CAA D0152 10000 230 A1000A 00000 00AAA
	3/8	9,5	7	178	500	10	1CAA D0178 05000 230 A1000A 00000 00AAA
	3/8	9,5	7	178	600	12	1CAA D0178 06000 230 A1000A 00000 00AAA
	3/8	9,5	7	178	800	17	1CAA D0178 08000 230 A1000A 00000 00AAA
	3/8	9,5	7	178	1000	21	1CAA D0178 10000 230 A1000A 00000 00AAA
	3/8	9,5	8	203	600	11	1CAA D0203 06000 230 A1000A 00000 00AAA
	3/8	9,5	8	203	800	14	1CAA D0203 08000 230 A1000A 00000 00AAA
	3/8	9,5	8	203	1000	18	1CAA D0203 10000 230 A1000A 00000 00AAA

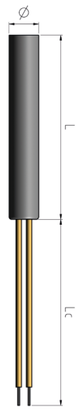
Zoppas Industries
Heating Element Technologies

Standard Shape

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



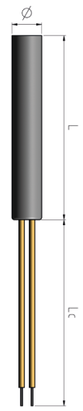
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		10		30	100	33	1CAA E0030 01000 230 A1000A 00000 00AAA
		10		30	125	42	1CAA E0030 01250 230 A1000A 00000 00AAA
		10		30	150	50	1CAA E0030 01500 230 A1000A 00000 00AAA
		10		40	100	16	1CAA E0040 01000 230 A1000A 00000 00AAA
		10		40	125	20	1CAA E0040 01250 230 A1000A 00000 00AAA
		10		40	160	26	1CAA E0040 01600 230 A1000A 00000 00AAA
		10		40	200	32	1CAA E0040 02000 230 A1000A 00000 00AAA
		10		40	250	40	1CAA E0040 02500 230 A1000A 00000 00AAA
		10		50	100	11	1CAA E0050 01000 230 A1000A 00000 00AAA
		10		50	125	13	1CAA E0050 01250 230 A1000A 00000 00AAA
		10		50	160	17	1CAA E0050 01600 230 A1000A 00000 00AAA
		10		50	200	21	1CAA E0050 02000 230 A1000A 00000 00AAA
		10		50	250	26	1CAA E0050 02500 230 A1000A 00000 00AAA
		10		50	320	34	1CAA E0050 03200 230 A1000A 00000 00AAA
		10		50	400	42	1CAA E0050 04000 230 A1000A 00000 00AAA
		10		60	160	13	1CAA E0060 01600 230 A1000A 00000 00AAA
		10		60	200	16	1CAA E0060 02000 230 A1000A 00000 00AAA
		10		60	250	20	1CAA E0060 02500 230 A1000A 00000 00AAA
		10		60	320	25	1CAA E0060 03200 230 A1000A 00000 00AAA
		10		60	400	32	1CAA E0060 04000 230 A1000A 00000 00AAA
		10		60	500	39	1CAA E0060 05000 230 A1000A 00000 00AAA
		10		80	160	8	1CAA E0080 01600 230 A1000A 00000 00AAA
		10		80	200	10	1CAA E0080 02000 230 A1000A 00000 00AAA
		10		80	250	13	1CAA E0080 02500 230 A1000A 00000 00AAA
		10		80	320	17	1CAA E0080 03200 230 A1000A 00000 00AAA
		10		80	400	21	1CAA E0080 04000 230 A1000A 00000 00AAA
		10		80	500	26	1CAA E0080 05000 230 A1000A 00000 00AAA



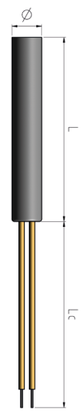
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		10		80	650	34	1CAA E0080 06500 230 A1000A 00000 00AAA
		10		100	150	6	1CAA E0100 01500 230 A1000A 00000 00AAA
		10		100	200	8	1CAA E0100 02000 230 A1000A 00000 00AAA
		10		100	250	10	1CAA E0100 02500 230 A1000A 00000 00AAA
		10		100	350	14	1CAA E0100 03500 230 A1000A 00000 00AAA
		10		100	400	16	1CAA E0100 04000 230 A1000A 00000 00AAA
		10		100	500	20	1CAA E0100 05000 230 A1000A 00000 00AAA
		10		100	650	25	1CAA E0100 06500 230 A1000A 00000 00AAA
		10		100	850	33	1CAA E0100 08500 230 A1000A 00000 00AAA
		10		130	250	7	1CAA E0130 02500 230 A1000A 00000 00AAA
		10		130	320	9	1CAA E0130 03200 230 A1000A 00000 00AAA
		10		130	400	11	1CAA E0130 04000 230 A1000A 00000 00AAA
		10		130	500	14	1CAA E0130 05000 230 A1000A 00000 00AAA
		10		130	650	18	1CAA E0130 06500 230 A1000A 00000 00AAA
		10		130	800	23	1CAA E0130 08000 230 A1000A 00000 00AAA
		10		160	400	9	1CAA E0160 04000 230 A1000A 00000 00AAA
		10		160	500	11	1CAA E0160 05000 230 A1000A 00000 00AAA
		10		160	650	14	1CAA E0160 06500 230 A1000A 00000 00AAA
		10		160	800	18	1CAA E0160 08000 230 A1000A 00000 00AAA
		10		200	400	7	1CAA E0200 04000 230 A1000A 00000 00AAA
		10		200	500	9	1CAA E0200 05000 230 A1000A 00000 00AAA
		10		200	650	11	1CAA E0200 06500 230 A1000A 00000 00AAA
		10		200	800	14	1CAA E0200 08000 230 A1000A 00000 00AAA
		10		200	1000	17	1CAA E0200 10000 230 A1000A 00000 00AAA
		10		250	500	7	1CAA E0250 05000 230 A1000A 00000 00AAA
		10		250	650	9	1CAA E0250 06500 230 A1000A 00000 00AAA
		10		250	800	11	1CAA E0250 08000 230 A1000A 00000 00AAA
		10		250	1000	14	1CAA E0250 10000 230 A1000A 00000 00AAA

Standard Shape

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		12,5		40	125	19	1CAA F0040 01250 230 B1000A 00000 00AAA
		12,5		40	160	24	1CAA F0040 01600 230 B1000A 00000 00AAA
		12,5		40	200	30	1CAA F0040 02000 230 B1000A 00000 00AAA
		12,5		40	250	38	1CAA F0040 02500 230 B1000A 00000 00AAA
		12,5		40	320	48	1CAA F0040 03200 230 B1000A 00000 00AAA
		12,5		50	160	15	1CAA F0050 01600 230 B1000A 00000 00AAA
		12,5		50	200	19	1CAA F0050 02000 230 B1000A 00000 00AAA
		12,5		50	250	24	1CAA F0050 02500 230 B1000A 00000 00AAA
		12,5		50	320	30	1CAA F0050 03200 230 B1000A 00000 00AAA
		12,5		50	400	38	1CAA F0050 04000 230 B1000A 00000 00AAA
		12,5		50	500	47	1CAA F0050 05000 230 B1000A 00000 00AAA
		12,5		60	160	11	1CAA F0060 01600 230 B1000A 00000 00AAA
		12,5		60	200	14	1CAA F0060 02000 230 B1000A 00000 00AAA
		12,5		60	250	17	1CAA F0060 02500 230 B1000A 00000 00AAA
		12,5		60	320	22	1CAA F0060 03200 230 B1000A 00000 00AAA
		12,5		60	400	27	1CAA F0060 04000 230 B1000A 00000 00AAA
		12,5		60	500	34	1CAA F0060 05000 230 B1000A 00000 00AAA
		12,5		60	600	41	1CAA F0060 06000 230 B1000A 00000 00AAA
		12,5		80	160	7	1CAA F0080 01600 230 B1000A 00000 00AAA
		12,5		80	200	9	1CAA F0080 02000 230 B1000A 00000 00AAA
		12,5		80	250	11	1CAA F0080 02500 230 B1000A 00000 00AAA
		12,5		80	320	14	1CAA F0080 03200 230 B1000A 00000 00AAA
		12,5		80	400	18	1CAA F0080 04000 230 B1000A 00000 00AAA
		12,5		80	500	22	1CAA F0080 05000 230 B1000A 00000 00AAA
		12,5		80	650	29	1CAA F0080 06500 230 B1000A 00000 00AAA
		12,5		80	800	35	1CAA F0080 08000 230 B1000A 00000 00AAA
		12,5		100	250	8	1CAA F0100 02500 230 B1000A 00000 00AAA
		12,5		100	320	10	1CAA F0100 03200 230 B1000A 00000 00AAA
		12,5		100	400	13	1CAA F0100 04000 230 B1000A 00000 00AAA
		12,5		100	500	16	1CAA F0100 05000 230 B1000A 00000 00AAA
		12,5		100	650	21	1CAA F0100 06500 230 B1000A 00000 00AAA
		12,5		100	800	26	1CAA F0100 08000 230 B1000A 00000 00AAA
		12,5		100	1000	33	1CAA F0100 10000 230 B1000A 00000 00AAA
		12,5		130	250	6	1CAA F0130 02500 230 B1000A 00000 00AAA

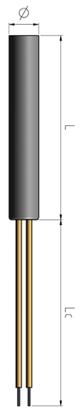


Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		12,5		130	320	7	1CAA F0130 03200 230 B1000A 00000 00AAA
		12,5		130	400	9	1CAA F0130 04000 230 B1000A 00000 00AAA
		12,5		130	500	12	1CAA F0130 05000 230 B1000A 00000 00AAA
		12,5		130	650	15	1CAA F0130 06500 230 B1000A 00000 00AAA
		12,5		130	800	19	1CAA F0130 08000 230 B1000A 00000 00AAA
		12,5		130	1000	23	1CAA F0130 10000 230 B1000A 00000 00AAA
		12,5		130	1250	29	1CAA F0130 12500 230 B1000A 00000 00AAA
		12,5		160	500	9	1CAA F0160 05000 230 B1000A 00000 00AAA
		12,5		160	650	12	1CAA F0160 06500 230 B1000A 00000 00AAA
		12,5		160	800	15	1CAA F0160 08000 230 B1000A 00000 00AAA
		12,5		160	1000	18	1CAA F0160 10000 230 B1000A 00000 00AAA
		12,5		160	1300	24	1CAA F0160 13000 230 B1000A 00000 00AAA
		12,5		180	600	10	1CAA F0180 06000 230 B1000A 00000 00AAA
		12,5		180	750	12	1CAA F0180 07500 230 B1000A 00000 00AAA
		12,5		180	1000	16	1CAA F0180 10000 230 B1000A 00000 00AAA
		12,5		180	1300	21	1CAA F0180 13000 230 B1000A 00000 00AAA
		12,5		200	650	9	1CAA F0200 06500 230 B1000A 00000 00AAA
		12,5		200	800	11	1CAA F0200 08000 230 B1000A 00000 00AAA
		12,5		200	1000	14	1CAA F0200 10000 230 B1000A 00000 00AAA
		12,5		200	1250	18	1CAA F0200 12500 230 B1000A 00000 00AAA
		12,5		200	1500	21	1CAA F0200 15000 230 B1000A 00000 00AAA
		12,5		250	800	9	1CAA F0250 08000 230 B1000A 00000 00AAA
		12,5		250	1000	11	1CAA F0250 10000 230 B1000A 00000 00AAA
		12,5		250	1250	14	1CAA F0250 12500 230 B1000A 00000 00AAA
		12,5		250	1500	16	1CAA F0250 15000 230 B1000A 00000 00AAA
		12,5		250	2000	22	1CAA F0250 20000 230 C1000A 00000 00AAA
		12,5		250	2500	27	1CAA F0250 25000 230 D1000A 00000 00AAA
		12,5		300	600	5	1CAA F0300 06000 230 B1000A 00000 00AAA
		12,5		300	800	7	1CAA F0300 08000 230 B1000A 00000 00AAA
		12,5		300	1000	9	1CAA F0300 10000 230 B1000A 00000 00AAA
		12,5		300	1300	12	1CAA F0300 13000 230 B1000A 00000 00AAA
		12,5		300	1600	14	1CAA F0300 16000 230 B1000A 00000 00AAA
		12,5		300	2000	18	1CAA F0300 20000 230 C1000A 00000 00AAA
		12,5		300	2500	22	1CAA F0300 25000 230 D1000A 00000 00AAA

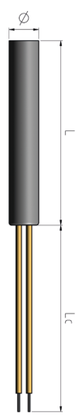
Zoppas Industries
Heating Element Technologies

Standard Shape

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



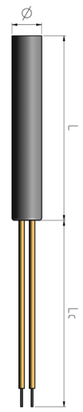
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/2	12,7	1,25	32	100	29	1CAA G0032 01000 230 B1000A 00000 00AAA
	1/2	12,7	1,25	32	125	37	1CAA G0032 01250 230 B1000A 00000 00AAA
	1/2	12,7	1,25	32	150	44	1CAA G0032 01500 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	175	29	1CAA G0038 01750 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	200	33	1CAA G0038 02000 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	250	41	1CAA G0038 02500 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	300	50	1CAA G0038 03000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	200	18	1CAA G0051 02000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	250	22	1CAA G0051 02500 230 B1000A 00000 00AAA
	1/2	12,7	2	51	300	27	1CAA G0051 03000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	400	36	1CAA G0051 04000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	500	45	1CAA G0051 05000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	250	15	1CAA G0064 02500 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	300	18	1CAA G0064 03000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	400	24	1CAA G0064 04000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	500	30	1CAA G0064 05000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	250	12	1CAA G0076 02500 230 B1000A 00000 00AAA
	1/2	12,7	3	76	300	14	1CAA G0076 03000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	400	18	1CAA G0076 04000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	500	23	1CAA G0076 05000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	600	28	1CAA G0076 06000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	750	35	1CAA G0076 07500 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	300	11	1CAA G0089 03000 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	350	13	1CAA G0089 03500 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	500	19	1CAA G0089 05000 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	750	28	1CAA G0089 07500 230 B1000A 00000 00AAA
	1/2	12,7	4	102	350	11	1CAA G0102 03500 230 B1000A 00000 00AAA
	1/2	12,7	4	102	400	12	1CAA G0102 04000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	500	16	1CAA G0102 05000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	600	19	1CAA G0102 06000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	800	25	1CAA G0102 08000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	1000	31	1CAA G0102 10000 230 B1000A 00000 00AAA



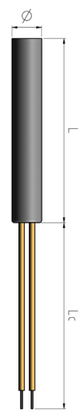
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/2	12,7	5	127	350	8	1CAA G0127 03500 230 B1000A 00000 00AAA
	1/2	12,7	5	127	400	9	1CAA G0127 04000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	500	12	1CAA G0127 05000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	600	14	1CAA G0127 06000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	750	18	1CAA G0127 07500 230 B1000A 00000 00AAA
	1/2	12,7	5	127	1000	24	1CAA G0127 10000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	400	8	1CAA G0152 04000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	500	9	1CAA G0152 05000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	600	11	1CAA G0152 06000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	750	14	1CAA G0152 07500 230 B1000A 00000 00AAA
	1/2	12,7	6	152	1000	19	1CAA G0152 10000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	500	8	1CAA G0178 05000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	800	13	1CAA G0178 08000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	1000	16	1CAA G0178 10000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	1500	24	1CAA G0178 15000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	600	8	1CAA G0203 06000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	800	11	1CAA G0203 08000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	1000	14	1CAA G0203 10000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	1500	20	1CAA G0203 15000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	2000	27	1CAA G0203 20000 230 C1000A 00000 00AAA
	1/2	12,7	9	229	1000	12	1CAA G0229 10000 230 B1000A 00000 00AAA
	1/2	12,7	9	229	1500	18	1CAA G0229 15000 230 B1000A 00000 00AAA
	1/2	12,7	9	229	2000	24	1CAA G0229 20000 230 C1000A 00000 00AAA
	1/2	12,7	10	254	800	8	1CAA G0254 08000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	1000	11	1CAA G0254 10000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	1500	16	1CAA G0254 15000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	2000	21	1CAA G0254 20000 230 C1000A 00000 00AAA
	1/2	12,7	12	305	750	7	1CAA G0305 07500 230 B1000A 00000 00AAA
	1/2	12,7	12	305	1000	9	1CAA G0305 10000 230 B1000A 00000 00AAA
	1/2	12,7	12	305	1500	13	1CAA G0305 15000 230 B1000A 00000 00AAA
	1/2	12,7	12	305	2000	17	1CAA G0305 20000 230 C1000A 00000 00AAA

Standard Shape

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	5/8	15,9	2	51	200	21	1CAA H0051 02000 230 B1000A 00000 00AAA
	5/8	15,9	2	51	300	31	1CAA H0051 03000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	250	15	1CAA H0064 02500 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	300	18	1CAA H0064 03000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	400	25	1CAA H0064 04000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	500	31	1CAA H0064 05000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	750	46	1CAA H0064 07500 230 B1000A 00000 00AAA
	5/8	15,9	3	76	300	13	1CAA H0076 03000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	400	18	1CAA H0076 04000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	500	22	1CAA H0076 05000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	750	33	1CAA H0076 07500 230 B1000A 00000 00AAA
	5/8	15,9	3	76	1000	44	1CAA H0076 10000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	400	11	1CAA H0102 04000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	500	14	1CAA H0102 05000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	600	17	1CAA H0102 06000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	750	21	1CAA H0102 07500 230 B1000A 00000 00AAA
	5/8	15,9	4	102	1000	28	1CAA H0102 10000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	1250	35	1CAA H0102 12500 230 B1000A 00000 00AAA
	5/8	15,9	5	127	600	12	1CAA H0127 06000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	800	16	1CAA H0127 08000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	1000	21	1CAA H0127 10000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	1300	27	1CAA H0127 13000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	600	10	1CAA H0152 06000 230 B1000A 00000 00AAA

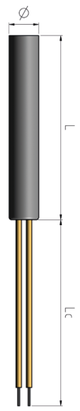


Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	5/8	15,9	6	152	800	13	1CAA H0152 08000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1000	16	1CAA H0152 10000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1250	20	1CAA H0152 12500 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1500	24	1CAA H0152 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1000	13	1CAA H0178 10000 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1250	17	1CAA H0178 12500 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1500	20	1CAA H0178 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	800	9	1CAA H0203 08000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1000	11	1CAA H0203 10000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1250	14	1CAA H0203 12500 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1500	17	1CAA H0203 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1750	20	1CAA H0203 17500 230 C1000A 00000 00AAA
	5/8	15,9	7	203	2000	23	1CAA H0203 20000 230 C1000A 00000 00AAA
	5/8	15,9	10	254	750	7	1CAA H0254 07500 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1000	9	1CAA H0254 10000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1300	11	1CAA H0254 13000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1600	14	1CAA H0254 16000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	2000	18	1CAA H0254 20000 230 C1000A 00000 00AAA
	5/8	15,9	12	305	750	5	1CAA H0305 07500 230 B1000A 00000 00AAA
	5/8	15,9	12	305	1000	7	1CAA H0305 10000 230 B1000A 00000 00AAA
	5/8	15,9	12	305	1600	11	1CAA H0305 16000 230 B1000A 00000 00AAA
	5/8	15,9	12	305	2000	14	1CAA H0305 20000 230 C1000A 00000 00AAA
	5/8	15,9	12	305	2500	18	1CAA H0305 25000 230 D1000A 00000 00AAA

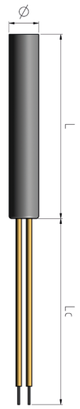
Zoppas Industries
Heating Element Technologies

Standard Shape

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



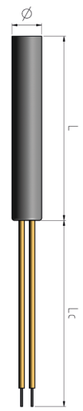
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		16		40	200	46	1CAA I0040 02000 230 B1000A 00000 00AAA
		16		50	200	21	1CAA I0050 02000 230 B1000A 00000 00AAA
		16		50	250	26	1CAA I0050 02500 230 B1000A 00000 00AAA
		16		50	320	34	1CAA I0050 03200 230 B1000A 00000 00AAA
		16		50	400	42	1CAA I0050 04000 230 B1000A 00000 00AAA
		16		60	200	14	1CAA I0060 02000 230 B1000A 00000 00AAA
		16		60	250	17	1CAA I0060 02500 230 B1000A 00000 00AAA
		16		60	320	22	1CAA I0060 03200 230 B1000A 00000 00AAA
		16		60	400	27	1CAA I0060 04000 230 B1000A 00000 00AAA
		16		60	500	34	1CAA I0060 05000 230 B1000A 00000 00AAA
		16		60	650	44	1CAA I0060 06500 230 B1000A 00000 00AAA
		16		80	250	10	1CAA I0080 02500 230 B1000A 00000 00AAA
		16		80	320	13	1CAA I0080 03200 230 B1000A 00000 00AAA
		16		80	400	16	1CAA I0080 04000 230 B1000A 00000 00AAA
		16		80	500	20	1CAA I0080 05000 230 B1000A 00000 00AAA
		16		80	650	26	1CAA I0080 06500 230 B1000A 00000 00AAA
		16		80	800	32	1CAA I0080 08000 230 B1000A 00000 00AAA
		16		80	1000	40	1CAA I0080 10000 230 B1000A 00000 00AAA
		16		100	320	9	1CAA I0100 03200 230 B1000A 00000 00AAA
		16		100	400	11	1CAA I0100 04000 230 B1000A 00000 00AAA
		16		100	500	14	1CAA I0100 05000 230 B1000A 00000 00AAA
		16		100	650	18	1CAA I0100 06500 230 B1000A 00000 00AAA
		16		100	800	23	1CAA I0100 08000 230 B1000A 00000 00AAA
		16		100	1000	28	1CAA I0100 10000 230 B1000A 00000 00AAA
		16		100	1250	35	1CAA I0100 12500 230 B1000A 00000 00AAA
		16		130	400	8	1CAA I0130 04000 230 B1000A 00000 00AAA
		16		130	500	10	1CAA I0130 05000 230 B1000A 00000 00AAA
		16		130	650	13	1CAA I0130 06500 230 B1000A 00000 00AAA
		16		130	800	16	1CAA I0130 08000 230 B1000A 00000 00AAA
		16		130	1000	20	1CAA I0130 10000 230 B1000A 00000 00AAA
		16		130	1250	25	1CAA I0130 12500 230 B1000A 00000 00AAA
		16		160	500	8	1CAA I0160 05000 230 B1000A 00000 00AAA
		16		160	650	10	1CAA I0160 06500 230 B1000A 00000 00AAA
		16		160	800	12	1CAA I0160 08000 230 B1000A 00000 00AAA
		16		160	1000	15	1CAA I0160 10000 230 B1000A 00000 00AAA



Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		16		160	1250	19	1CAA I0160 12500 230 B1000A 00000 00AAA
		16		160	1600	24	1CAA I0160 16000 230 B1000A 00000 00AAA
		16		180	800	10	1CAA I0180 08000 230 B1000A 00000 00AAA
		16		180	1000	13	1CAA I0180 10000 230 B1000A 00000 00AAA
		16		180	1250	16	1CAA I0180 12500 230 B1000A 00000 00AAA
		16		180	1600	21	1CAA I0180 16000 230 B1000A 00000 00AAA
		16		200	500	6	1CAA I0200 05000 230 B1000A 00000 00AAA
		16		200	800	9	1CAA I0200 08000 230 B1000A 00000 00AAA
		16		200	1000	12	1CAA I0200 10000 230 B1000A 00000 00AAA
		16		200	1250	14	1CAA I0200 12500 230 B1000A 00000 00AAA
		16		200	1600	18	1CAA I0200 16000 230 B1000A 00000 00AAA
		16		200	2000	23	1CAA I0200 20000 230 C1000A 00000 00AAA
		16		250	500	4	1CAA I0250 05000 230 B1000A 00000 00AAA
		16		250	800	7	1CAA I0250 08000 230 B1000A 00000 00AAA
		16		250	1000	9	1CAA I0250 10000 230 B1000A 00000 00AAA
		16		250	1250	11	1CAA I0250 12500 230 B1000A 00000 00AAA
		16		250	1600	14	1CAA I0250 16000 230 B1000A 00000 00AAA
		16		250	2000	18	1CAA I0250 20000 230 C1000A 00000 00AAA
		16		300	800	6	1CAA I0300 08000 230 B1000A 00000 00AAA
		16		300	1000	7	1CAA I0300 10000 230 B1000A 00000 00AAA
		16		300	1250	9	1CAA I0300 12500 230 B1000A 00000 00AAA
		16		300	1600	12	1CAA I0300 16000 230 B1000A 00000 00AAA
		16		300	2000	14	1CAA I0300 20000 230 C1000A 00000 00AAA
		16		300	2500	18	1CAA I0300 25000 230 D1000A 00000 00AAA
		16		350	750	5	1CAA I0350 07500 230 B1000A 00000 00AAA
		16		350	1000	6	1CAA I0350 10000 230 B1000A 00000 00AAA
		16		350	1300	8	1CAA I0350 13000 230 B1000A 00000 00AAA
		16		350	1600	10	1CAA I0350 16000 230 B1000A 00000 00AAA
		16		350	2000	12	1CAA I0350 20000 230 C1000A 00000 00AAA
		16		350	2500	15	1CAA I0350 25000 230 D1000A 00000 00AAA
		16		400	1000	5	1CAA I0400 10000 230 B1000A 00000 00AAA
		16		400	1400	7	1CAA I0400 14000 230 B1000A 00000 00AAA
		16		400	2000	11	1CAA I0400 20000 230 C1000A 00000 00AAA
		16		400	2500	13	1CAA I0400 25000 230 D1000A 00000 00AAA

Standard Shape

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
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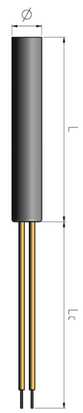
		20		60	500	29	1CAA J0060 05000 230 C1000A 00000 00AAA
		20		60	800	47	1CAA J0060 08000 230 C1000A 00000 00AAA
		20		80	320	11	1CAA J0080 03200 230 C1000A 00000 00AAA
		20		80	500	17	1CAA J0080 05000 230 C1000A 00000 00AAA
		20		80	800	27	1CAA J0080 08000 230 C1000A 00000 00AAA
		20		80	1000	33	1CAA J0080 10000 230 C1000A 00000 00AAA
		20		80	1250	42	1CAA J0080 12500 230 C1000A 00000 00AAA
		20		100	500	12	1CAA J0100 05000 230 C1000A 00000 00AAA
		20		100	800	19	1CAA J0100 08000 230 C1000A 00000 00AAA
		20		100	1000	23	1CAA J0100 10000 230 C1000A 00000 00AAA
		20		100	1250	29	1CAA J0100 12500 230 C1000A 00000 00AAA
		20		100	1600	37	1CAA J0100 16000 230 C1000A 00000 00AAA
		20		130	650	10	1CAA J0130 06500 230 C1000A 00000 00AAA
		20		130	1000	16	1CAA J0130 10000 230 C1000A 00000 00AAA
		20		130	1250	20	1CAA J0130 12500 230 C1000A 00000 00AAA
		20		130	1600	26	1CAA J0130 16000 230 C1000A 00000 00AAA
		20		130	2000	32	1CAA J0130 20000 230 C1000A 00000 00AAA
		20		160	800	10	1CAA J0160 08000 230 C1000A 00000 00AAA
		20		160	1000	12	1CAA J0160 10000 230 C1000A 00000 00AAA

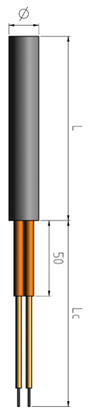


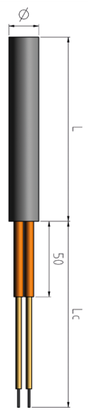
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		20		160	1250	15	1CAA J0160 12500 230 C1000A 00000 00AAA
		20		160	1600	20	1CAA J0160 16000 230 C1000A 00000 00AAA
		20		160	2000	25	1CAA J0160 20000 230 C1000A 00000 00AAA
		20		200	1000	9	1CAA J0200 10000 230 C1000A 00000 00AAA
		20		200	1600	15	1CAA J0200 16000 230 C1000A 00000 00AAA
		20		200	2000	19	1CAA J0200 20000 230 C1000A 00000 00AAA
		20		200	2500	23	1CAA J0200 25000 230 D1000A 00000 00AAA
		20		250	1000	7	1CAA J0250 10000 230 C1000A 00000 00AAA
		20		250	1250	9	1CAA J0250 12500 230 C1000A 00000 00AAA
		20		250	2000	14	1CAA J0250 20000 230 C1000A 00000 00AAA
		20		250	2500	18	1CAA J0250 25000 230 D1000A 00000 00AAA
		20		300	1600	9	1CAA J0300 16000 230 C1000A 00000 00AAA
		20		300	2200	13	1CAA J0300 22000 230 C1000A 00000 00AAA
		20		300	2500	15	1CAA J0300 25000 230 D1000A 00000 00AAA
		20		350	2000	10	1CAA J0350 20000 230 C1000A 00000 00AAA
		20		350	2500	12	1CAA J0350 25000 230 D1000A 00000 00AAA
		20		350	3000	15	1CAA J0350 30000 230 D1000A 00000 00AAA
		20		400	1600	7	1CAA J0400 16000 230 C1000A 00000 00AAA
		20		400	2500	11	1CAA J0400 25000 230 D1000A 00000 00AAA
		20		400	3000	13	1CAA J0400 30000 230 D1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

Two Single Sleeves

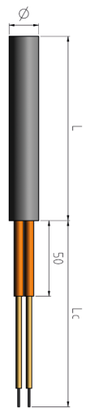
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

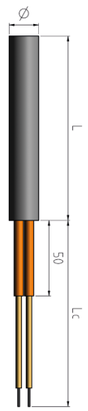
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/4	6,35	1,25	32	100	37	1CAB A0032 01000 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	100	25	1CAB A0038 01000 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	150	37	1CAB A0038 01500 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	200	49	1CAB A0038 02000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	100	15	1CAB A0051 01000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	150	23	1CAB A0051 01500 230 A1000A 00000 00AAA
	1/4	6,35	2	51	200	30	1CAB A0051 02000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	250	38	1CAB A0051 02500 230 A1000A 00000 00AAA
	1/4	6,35	2	51	300	45	1CAB A0051 03000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	150	16	1CAB A0064 01500 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	200	22	1CAB A0064 02000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	250	27	1CAB A0064 02500 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	300	32	1CAB A0064 03000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	400	43	1CAB A0064 04000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	150	13	1CAB A0076 01500 230 A1000A 00000 00AAA
	1/4	6,35	3	76	200	17	1CAB A0076 02000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	250	21	1CAB A0076 02500 230 A1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/4	6,35	3	76	300	25	1CAB A0076 03000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	400	34	1CAB A0076 04000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	200	14	1CAB A0089 02000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	300	21	1CAB A0089 03000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	400	28	1CAB A0089 04000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	450	31	1CAB A0089 04500 230 A1000A 00000 00AAA
	1/4	6,35	4	102	175	10	1CAB A0102 01750 230 A1000A 00000 00AAA
	1/4	6,35	4	102	250	15	1CAB A0102 02500 230 A1000A 00000 00AAA
	1/4	6,35	4	102	300	18	1CAB A0102 03000 230 A1000A 00000 00AAA
	1/4	6,35	4	102	350	21	1CAB A0102 03500 230 A1000A 00000 00AAA
	1/4	6,35	5	127	300	13	1CAB A0127 03000 230 A1000A 00000 00AAA
	1/4	6,35	5	127	350	16	1CAB A0127 03500 230 A1000A 00000 00AAA
	1/4	6,35	5	127	400	18	1CAB A0127 04000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	300	11	1CAB A0152 03000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	400	15	1CAB A0152 04000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	500	18	1CAB A0152 05000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	600	22	1CAB A0152 06000 230 A1000A 00000 00AAA

Two Single Sleeves

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

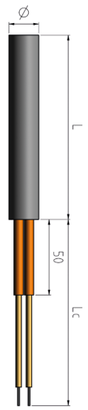
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		6,5		30	100	40	1CAB B0030 01000 230 A1000A 00000 00AAA
		6,5		40	100	22	1CAB B0040 01000 230 A1000A 00000 00AAA
		6,5		40	125	27	1CAB B0040 01250 230 A1000A 00000 00AAA
		6,5		40	160	35	1CAB B0040 01600 230 A1000A 00000 00AAA
		6,5		40	180	39	1CAB B0040 01800 230 A1000A 00000 00AAA
		6,5		40	200	44	1CAB B0040 02000 230 A1000A 00000 00AAA
		6,5		50	100	15	1CAB B0050 01000 230 A1000A 00000 00AAA
		6,5		50	125	19	1CAB B0050 01250 230 A1000A 00000 00AAA
		6,5		50	160	24	1CAB B0050 01600 230 A1000A 00000 00AAA
		6,5		50	200	30	1CAB B0050 02000 230 A1000A 00000 00AAA
		6,5		50	250	37	1CAB B0050 02500 230 A1000A 00000 00AAA
		6,5		60	125	14	1CAB B0060 01250 230 A1000A 00000 00AAA
		6,5		60	160	18	1CAB B0060 01600 230 A1000A 00000 00AAA
		6,5		60	180	21	1CAB B0060 01800 230 A1000A 00000 00AAA
		6,5		60	200	23	1CAB B0060 02000 230 A1000A 00000 00AAA
		6,5		60	250	28	1CAB B0060 02500 230 A1000A 00000 00AAA
		6,5		60	320	36	1CAB B0060 03200 230 A1000A 00000 00AAA
		6,5		80	125	10	1CAB B0080 01250 230 A1000A 00000 00AAA
		6,5		80	160	12	1CAB B0080 01600 230 A1000A 00000 00AAA
		6,5		80	180	14	1CAB B0080 01800 230 A1000A 00000 00AAA
		6,5		80	200	15	1CAB B0080 02000 230 A1000A 00000 00AAA
		6,5		80	250	19	1CAB B0080 02500 230 A1000A 00000 00AAA

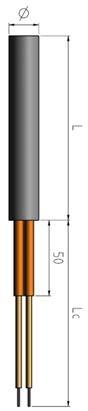
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		6,5		80	320	25	1CAB B0080 03200 230 A1000A 00000 00AAA
		6,5		80	350	27	1CAB B0080 03500 230 A1000A 00000 00AAA
		6,5		100	125	7	1CAB B0100 01250 230 A1000A 00000 00AAA
		6,5		100	160	9	1CAB B0100 01600 230 A1000A 00000 00AAA
		6,5		100	200	12	1CAB B0100 02000 230 A1000A 00000 00AAA
		6,5		100	250	15	1CAB B0100 02500 230 A1000A 00000 00AAA
		6,5		100	320	19	1CAB B0100 03200 230 A1000A 00000 00AAA
		6,5		100	350	20	1CAB B0100 03500 230 A1000A 00000 00AAA
		6,5		100	400	23	1CAB B0100 04000 230 A1000A 00000 00AAA
		6,5		130	150	6	1CAB B0130 01500 230 A1000A 00000 00AAA
		6,5		130	200	9	1CAB B0130 02000 230 A1000A 00000 00AAA
		6,5		130	250	11	1CAB B0130 02500 230 A1000A 00000 00AAA
		6,5		130	300	13	1CAB B0130 03000 230 A1000A 00000 00AAA
		6,5		130	350	15	1CAB B0130 03500 230 A1000A 00000 00AAA
		6,5		130	400	17	1CAB B0130 04000 230 A1000A 00000 00AAA
		6,5		160	200	7	1CAB B0160 02000 230 A1000A 00000 00AAA
		6,5		160	250	8	1CAB B0160 02500 230 A1000A 00000 00AAA
		6,5		160	300	10	1CAB B0160 03000 230 A1000A 00000 00AAA
		6,5		160	350	12	1CAB B0160 03500 230 A1000A 00000 00AAA
		6,5		160	400	13	1CAB B0160 04000 230 A1000A 00000 00AAA
		6,5		160	450	15	1CAB B0160 04500 230 A1000A 00000 00AAA
		6,5		160	500	17	1CAB B0160 05000 230 A1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

Two Single Sleeves

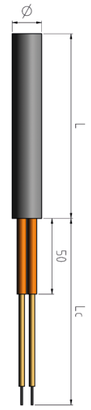
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

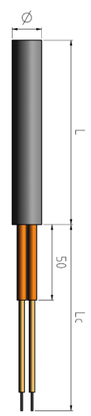
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		8		30	100	36	1CAB C0030 01000 230 A1000A 00000 00AAB
		8		30	125	45	1CAB C0030 01250 230 A1000A 00000 00AAB
		8		40	100	19	1CAB C0040 01000 230 A1000A 00000 00AAB
		8		40	125	23	1CAB C0040 01250 230 A1000A 00000 00AAB
		8		40	140	26	1CAB C0040 01400 230 A1000A 00000 00AAB
		8		40	160	30	1CAB C0040 01600 230 A1000A 00000 00AAB
		8		40	200	37	1CAB C0040 02000 230 A1000A 00000 00AAB
		8		40	250	46	1CAB C0040 02500 230 A1000A 00000 00AAB
		8		50	125	16	1CAB C0050 01250 230 A1000A 00000 00AAB
		8		50	160	20	1CAB C0050 01600 230 A1000A 00000 00AAB
		8		50	200	25	1CAB C0050 02000 230 A1000A 00000 00AAB
		8		50	250	31	1CAB C0050 02500 230 A1000A 00000 00AAB
		8		50	320	40	1CAB C0050 03200 230 A1000A 00000 00AAB
		8		60	125	12	1CAB C0060 01250 230 A1000A 00000 00AAB
		8		60	160	15	1CAB C0060 01600 230 A1000A 00000 00AAB
		8		60	200	19	1CAB C0060 02000 230 A1000A 00000 00AAB
		8		60	250	24	1CAB C0060 02500 230 A1000A 00000 00AAB
		8		60	280	27	1CAB C0060 02800 230 A1000A 00000 00AAB
		8		60	320	30	1CAB C0060 03200 230 A1000A 00000 00AAB
		8		60	400	38	1CAB C0060 04000 230 A1000A 00000 00AAB
		8		80	160	10	1CAB C0080 01600 230 A1000A 00000 00AAB

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		8		80	200	13	1CAB C0080 02000 230 A1000A 00000 00AAB
		8		80	250	16	1CAB C0080 02500 230 A1000A 00000 00AAB
		8		80	280	18	1CAB C0080 02800 230 A1000A 00000 00AAB
		8		80	320	20	1CAB C0080 03200 230 A1000A 00000 00AAB
		8		80	400	25	1CAB C0080 04000 230 A1000A 00000 00AAB
		8		80	400	25	1CAB C0080 04000 230 A1000A 00000 00AAB
		8		100	160	8	1CAB C0100 01600 230 A1000A 00000 00AAB
		8		100	200	10	1CAB C0100 02000 230 A1000A 00000 00AAB
		8		100	250	12	1CAB C0100 02500 230 A1000A 00000 00AAB
		8		100	280	13	1CAB C0100 02800 230 A1000A 00000 00AAB
		8		100	320	15	1CAB C0100 03200 230 A1000A 00000 00AAB
		8		100	400	19	1CAB C0100 04000 230 A1000A 00000 00AAB
		8		130	200	7	1CAB C0130 02000 230 A1000A 00000 00AAB
		8		130	250	9	1CAB C0130 02500 230 A1000A 00000 00AAB
		8		130	320	11	1CAB C0130 03200 230 A1000A 00000 00AAB
		8		130	400	14	1CAB C0130 04000 230 A1000A 00000 00AAB
		8		160	250	7	1CAB C0160 02500 230 A1000A 00000 00AAB
		8		160	320	9	1CAB C0160 03200 230 A1000A 00000 00AAB
		8		160	450	12	1CAB C0160 04500 230 A1000A 00000 00AAB
		8		160	500	14	1CAB C0160 05000 230 A1000A 00000 00AAB
		8		160	600	17	1CAB C0160 06000 230 A1000A 00000 00AAB

Two Single Sleeves

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

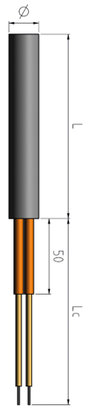
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	3/8	9,52	1,25	32	100	28	1CAB D0032 01000 230 A1000A 00000 00AAA
	3/8	9,52	1,25	32	125	35	1CAB D0032 01250 230 A1000A 00000 00AAA
	3/8	9,52	1,25	32	150	42	1CAB D0032 01500 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	100	18	1CAB D0038 01000 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	150	27	1CAB D0038 01500 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	200	36	1CAB D0038 02000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	100	11	1CAB D0051 01000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	150	16	1CAB D0051 01500 230 A1000A 00000 00AAA
	3/8	9,52	2	51	200	21	1CAB D0051 02000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	300	32	1CAB D0051 03000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	400	43	1CAB D0051 04000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	100	8	1CAB D0064 01000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	200	15	1CAB D0064 02000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	300	23	1CAB D0064 03000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	400	30	1CAB D0064 04000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	150	9	1CAB D0076 01500 230 A1000A 00000 00AAA
	3/8	9,52	3	76	200	12	1CAB D0076 02000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	300	17	1CAB D0076 03000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	400	23	1CAB D0076 04000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	500	29	1CAB D0076 05000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	600	35	1CAB D0076 06000 230 A1000A 00000 00AAA
	3/8	9,52	3,5	89	300	14	1CAB D0089 03000 230 A1000A 00000 00AAA
	3/8	9,52	3,5	89	400	19	1CAB D0089 04000 230 A1000A 00000 00AAA
	3/8	9,52	3,5	89	500	24	1CAB D0089 05000 230 A1000A 00000 00AAA

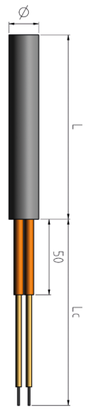
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	3/8	9,52	3,5	89	500	24	1CAB D0089 05000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	200	8	1CAB D0102 02000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	300	12	1CAB D0102 03000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	400	16	1CAB D0102 04000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	500	20	1CAB D0102 05000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	600	24	1CAB D0102 06000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	750	30	1CAB D0102 07500 230 A1000A 00000 00AAA
	3/8	9,52	5	127	400	12	1CAB D0127 04000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	500	15	1CAB D0127 05000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	800	24	1CAB D0127 08000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	1000	31	1CAB D0127 10000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	400	10	1CAB D0152 04000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	500	12	1CAB D0152 05000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	600	15	1CAB D0152 06000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	800	20	1CAB D0152 08000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	1000	25	1CAB D0152 10000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	500	10	1CAB D0178 05000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	600	12	1CAB D0178 06000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	800	17	1CAB D0178 08000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	1000	21	1CAB D0178 10000 230 A1000A 00000 00AAA
	3/8	9,52	8	203	600	11	1CAB D0203 06000 230 A1000A 00000 00AAA
	3/8	9,52	8	203	800	14	1CAB D0203 08000 230 A1000A 00000 00AAA
	3/8	9,52	8	203	1000	18	1CAB D0203 10000 230 A1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

Two Single Sleeves

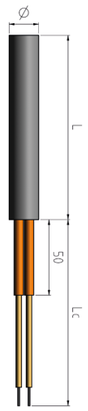
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

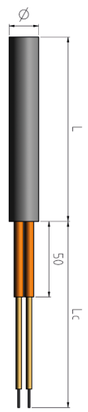
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		10		30	100	33	1CAB E0030 01000 230 A1000A 00000 00AAA
		10		30	125	42	1CAB E0030 01250 230 A1000A 00000 00AAA
		10		30	150	50	1CAB E0030 01500 230 A1000A 00000 00AAA
		10		40	100	16	1CAB E0040 01000 230 A1000A 00000 00AAA
		10		40	125	20	1CAB E0040 01250 230 A1000A 00000 00AAA
		10		40	160	26	1CAB E0040 01600 230 A1000A 00000 00AAA
		10		40	200	32	1CAB E0040 02000 230 A1000A 00000 00AAA
		10		40	250	40	1CAB E0040 02500 230 A1000A 00000 00AAA
		10		50	100	11	1CAB E0050 01000 230 A1000A 00000 00AAA
		10		50	125	13	1CAB E0050 01250 230 A1000A 00000 00AAA
		10		50	160	17	1CAB E0050 01600 230 A1000A 00000 00AAA
		10		50	200	21	1CAB E0050 02000 230 A1000A 00000 00AAA
		10		50	250	26	1CAB E0050 02500 230 A1000A 00000 00AAA
		10		50	320	34	1CAB E0050 03200 230 A1000A 00000 00AAA
		10		50	400	42	1CAB E0050 04000 230 A1000A 00000 00AAA
		10		60	160	13	1CAB E0060 01600 230 A1000A 00000 00AAA
		10		60	200	16	1CAB E0060 02000 230 A1000A 00000 00AAA
		10		60	250	20	1CAB E0060 02500 230 A1000A 00000 00AAA
		10		60	320	25	1CAB E0060 03200 230 A1000A 00000 00AAA
		10		60	400	32	1CAB E0060 04000 230 A1000A 00000 00AAA
		10		60	500	39	1CAB E0060 05000 230 A1000A 00000 00AAA
		10		80	160	8	1CAB E0080 01600 230 A1000A 00000 00AAA
		10		80	200	10	1CAB E0080 02000 230 A1000A 00000 00AAA
		10		80	250	13	1CAB E0080 02500 230 A1000A 00000 00AAA
		10		80	320	17	1CAB E0080 03200 230 A1000A 00000 00AAA
		10		80	400	21	1CAB E0080 04000 230 A1000A 00000 00AAA
		10		80	500	26	1CAB E0080 05000 230 A1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		10		80	650	34	1CAB E0080 06500 230 A1000A 00000 00AAA
		10		100	150	6	1CAB E0100 01500 230 A1000A 00000 00AAA
		10		100	200	8	1CAB E0100 02000 230 A1000A 00000 00AAA
		10		100	250	10	1CAB E0100 02500 230 A1000A 00000 00AAA
		10		100	350	14	1CAB E0100 03500 230 A1000A 00000 00AAA
		10		100	400	16	1CAB E0100 04000 230 A1000A 00000 00AAA
		10		100	500	20	1CAB E0100 05000 230 A1000A 00000 00AAA
		10		100	650	25	1CAB E0100 06500 230 A1000A 00000 00AAA
		10		100	850	33	1CAB E0100 08500 230 A1000A 00000 00AAA
		10		130	250	7	1CAB E0130 02500 230 A1000A 00000 00AAA
		10		130	320	9	1CAB E0130 03200 230 A1000A 00000 00AAA
		10		130	400	11	1CAB E0130 04000 230 A1000A 00000 00AAA
		10		130	500	14	1CAB E0130 05000 230 A1000A 00000 00AAA
		10		130	650	18	1CAB E0130 06500 230 A1000A 00000 00AAA
		10		130	800	23	1CAB E0130 08000 230 A1000A 00000 00AAA
		10		160	400	9	1CAB E0160 04000 230 A1000A 00000 00AAA
		10		160	500	11	1CAB E0160 05000 230 A1000A 00000 00AAA
		10		160	650	14	1CAB E0160 06500 230 A1000A 00000 00AAA
		10		160	800	18	1CAB E0160 08000 230 A1000A 00000 00AAA
		10		200	400	7	1CAB E0200 04000 230 A1000A 00000 00AAA
		10		200	500	9	1CAB E0200 05000 230 A1000A 00000 00AAA
		10		200	650	11	1CAB E0200 06500 230 A1000A 00000 00AAA
		10		200	800	14	1CAB E0200 08000 230 A1000A 00000 00AAA
		10		200	1000	17	1CAB E0200 10000 230 A1000A 00000 00AAA
		10		250	500	7	1CAB E0250 05000 230 A1000A 00000 00AAA
		10		250	650	9	1CAB E0250 06500 230 A1000A 00000 00AAA
		10		250	800	11	1CAB E0250 08000 230 A1000A 00000 00AAA
		10		250	1000	14	1CAB E0250 10000 230 A1000A 00000 00AAA

Two Single Sleeves

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

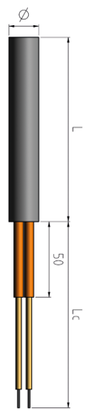
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		12,5		40	125	19	1CAB F0040 01250 230 B1000A 00000 00AAA
		12,5		40	160	24	1CAB F0040 01600 230 B1000A 00000 00AAA
		12,5		40	200	30	1CAB F0040 02000 230 B1000A 00000 00AAA
		12,5		40	250	38	1CAB F0040 02500 230 B1000A 00000 00AAA
		12,5		40	320	48	1CAB F0040 03200 230 B1000A 00000 00AAA
		12,5		50	160	15	1CAB F0050 01600 230 B1000A 00000 00AAA
		12,5		50	200	19	1CAB F0050 02000 230 B1000A 00000 00AAA
		12,5		50	250	24	1CAB F0050 02500 230 B1000A 00000 00AAA
		12,5		50	320	30	1CAB F0050 03200 230 B1000A 00000 00AAA
		12,5		50	400	38	1CAB F0050 04000 230 B1000A 00000 00AAA
		12,5		50	500	47	1CAB F0050 05000 230 B1000A 00000 00AAA
		12,5		60	160	11	1CAB F0060 01600 230 B1000A 00000 00AAA
		12,5		60	200	14	1CAB F0060 02000 230 B1000A 00000 00AAA
		12,5		60	250	17	1CAB F0060 02500 230 B1000A 00000 00AAA
		12,5		60	320	22	1CAB F0060 03200 230 B1000A 00000 00AAA
		12,5		60	400	27	1CAB F0060 04000 230 B1000A 00000 00AAA
		12,5		60	500	34	1CAB F0060 05000 230 B1000A 00000 00AAA
		12,5		60	600	41	1CAB F0060 06000 230 B1000A 00000 00AAA
		12,5		80	160	7	1CAB F0080 01600 230 B1000A 00000 00AAA
		12,5		80	200	9	1CAB F0080 02000 230 B1000A 00000 00AAA
		12,5		80	250	11	1CAB F0080 02500 230 B1000A 00000 00AAA
		12,5		80	320	14	1CAB F0080 03200 230 B1000A 00000 00AAA
		12,5		80	400	18	1CAB F0080 04000 230 B1000A 00000 00AAA
		12,5		80	500	22	1CAB F0080 05000 230 B1000A 00000 00AAA
		12,5		80	650	29	1CAB F0080 06500 230 B1000A 00000 00AAA
		12,5		80	800	35	1CAB F0080 08000 230 B1000A 00000 00AAA
		12,5		100	250	8	1CAB F0100 02500 230 B1000A 00000 00AAA
		12,5		100	320	10	1CAB F0100 03200 230 B1000A 00000 00AAA
		12,5		100	400	13	1CAB F0100 04000 230 B1000A 00000 00AAA
		12,5		100	500	16	1CAB F0100 05000 230 B1000A 00000 00AAA
		12,5		100	650	21	1CAB F0100 06500 230 B1000A 00000 00AAA
		12,5		100	800	26	1CAB F0100 08000 230 B1000A 00000 00AAA
		12,5		100	1000	33	1CAB F0100 10000 230 B1000A 00000 00AAA
		12,5		130	250	6	1CAB F0130 02500 230 B1000A 00000 00AAA

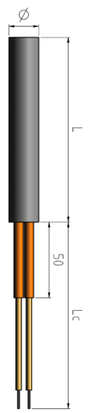
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		12,5		130	320	7	1CAB F0130 03200 230 B1000A 00000 00AAA
		12,5		130	400	9	1CAB F0130 04000 230 B1000A 00000 00AAA
		12,5		130	500	12	1CAB F0130 05000 230 B1000A 00000 00AAA
		12,5		130	650	15	1CAB F0130 06500 230 B1000A 00000 00AAA
		12,5		130	800	19	1CAB F0130 08000 230 B1000A 00000 00AAA
		12,5		130	1000	23	1CAB F0130 10000 230 B1000A 00000 00AAA
		12,5		130	1250	29	1CAB F0130 12500 230 B1000A 00000 00AAA
		12,5		160	500	9	1CAB F0160 05000 230 B1000A 00000 00AAA
		12,5		160	650	12	1CAB F0160 06500 230 B1000A 00000 00AAA
		12,5		160	800	15	1CAB F0160 08000 230 B1000A 00000 00AAA
		12,5		160	1000	18	1CAB F0160 10000 230 B1000A 00000 00AAA
		12,5		160	1300	24	1CAB F0160 13000 230 B1000A 00000 00AAA
		12,5		180	600	10	1CAB F0180 06000 230 B1000A 00000 00AAA
		12,5		180	750	12	1CAB F0180 07500 230 B1000A 00000 00AAA
		12,5		180	1000	16	1CAB F0180 10000 230 B1000A 00000 00AAA
		12,5		180	1300	21	1CAB F0180 13000 230 B1000A 00000 00AAA
		12,5		200	650	9	1CAB F0200 06500 230 B1000A 00000 00AAA
		12,5		200	800	11	1CAB F0200 08000 230 B1000A 00000 00AAA
		12,5		200	1000	14	1CAB F0200 10000 230 B1000A 00000 00AAA
		12,5		200	1250	18	1CAB F0200 12500 230 B1000A 00000 00AAA
		12,5		200	1500	21	1CAB F0200 15000 230 B1000A 00000 00AAA
		12,5		250	800	9	1CAB F0250 08000 230 B1000A 00000 00AAA
		12,5		250	1000	11	1CAB F0250 10000 230 B1000A 00000 00AAA
		12,5		250	1250	14	1CAB F0250 12500 230 B1000A 00000 00AAA
		12,5		250	1500	16	1CAB F0250 15000 230 B1000A 00000 00AAA
		12,5		250	2000	22	1CAB F0250 20000 230 C1000A 00000 00AAA
		12,5		250	2500	27	1CAB F0250 25000 230 D1000A 00000 00AAA
		12,5		300	600	5	1CAB F0300 06000 230 B1000A 00000 00AAA
		12,5		300	800	7	1CAB F0300 08000 230 B1000A 00000 00AAA
		12,5		300	1000	9	1CAB F0300 10000 230 B1000A 00000 00AAA
		12,5		300	1300	12	1CAB F0300 13000 230 B1000A 00000 00AAA
		12,5		300	1600	14	1CAB F0300 16000 230 B1000A 00000 00AAA
		12,5		300	2000	18	1CAB F0300 20000 230 C1000A 00000 00AAA
		12,5		300	2500	22	1CAB F0300 25000 230 D1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

Two Single Sleeves

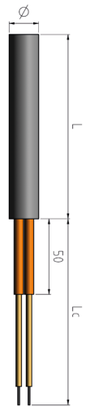
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

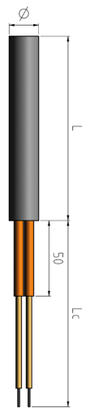
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/2	12,7	1,25	32	100	29	1CAB G0032 01000 230 B1000A 00000 00AAA
	1/2	12,7	1,25	32	125	37	1CAB G0032 01250 230 B1000A 00000 00AAA
	1/2	12,7	1,25	32	150	44	1CAB G0032 01500 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	175	29	1CAB G0038 01750 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	200	33	1CAB G0038 02000 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	250	41	1CAB G0038 02500 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	300	50	1CAB G0038 03000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	200	18	1CAB G0051 02000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	250	22	1CAB G0051 02500 230 B1000A 00000 00AAA
	1/2	12,7	2	51	300	27	1CAB G0051 03000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	400	36	1CAB G0051 04000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	500	45	1CAB G0051 05000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	250	15	1CAB G0064 02500 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	300	18	1CAB G0064 03000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	400	24	1CAB G0064 04000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	500	30	1CAB G0064 05000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	250	12	1CAB G0076 02500 230 B1000A 00000 00AAA
	1/2	12,7	3	76	300	14	1CAB G0076 03000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	400	18	1CAB G0076 04000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	500	23	1CAB G0076 05000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	600	28	1CAB G0076 06000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	750	35	1CAB G0076 07500 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	300	11	1CAB G0089 03000 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	350	13	1CAB G0089 03500 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	500	19	1CAB G0089 05000 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	750	28	1CAB G0089 07500 230 B1000A 00000 00AAA
	1/2	12,7	4	102	350	11	1CAB G0102 03500 230 B1000A 00000 00AAA
	1/2	12,7	4	102	400	12	1CAB G0102 04000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	500	16	1CAB G0102 05000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	600	19	1CAB G0102 06000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	800	25	1CAB G0102 08000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	1000	31	1CAB G0102 10000 230 B1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/2	12,7	5	127	350	8	1CAB G0127 03500 230 B1000A 00000 00AAA
	1/2	12,7	5	127	400	9	1CAB G0127 04000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	500	12	1CAB G0127 05000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	600	14	1CAB G0127 06000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	750	18	1CAB G0127 07500 230 B1000A 00000 00AAA
	1/2	12,7	5	127	1000	24	1CAB G0127 10000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	400	8	1CAB G0152 04000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	500	9	1CAB G0152 05000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	600	11	1CAB G0152 06000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	750	14	1CAB G0152 07500 230 B1000A 00000 00AAA
	1/2	12,7	6	152	1000	19	1CAB G0152 10000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	500	8	1CAB G0178 05000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	800	13	1CAB G0178 08000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	1000	16	1CAB G0178 10000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	1500	24	1CAB G0178 15000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	600	8	1CAB G0203 06000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	800	11	1CAB G0203 08000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	1000	14	1CAB G0203 10000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	1500	20	1CAB G0203 15000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	2000	27	1CAB G0203 20000 230 C1000A 00000 00AAA
	1/2	12,7	9	229	1000	12	1CAB G0229 10000 230 B1000A 00000 00AAA
	1/2	12,7	9	229	1500	18	1CAB G0229 15000 230 B1000A 00000 00AAA
	1/2	12,7	9	229	2000	24	1CAB G0229 20000 230 C1000A 00000 00AAA
	1/2	12,7	10	254	800	8	1CAB G0254 08000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	1000	11	1CAB G0254 10000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	1500	16	1CAB G0254 15000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	2000	21	1CAB G0254 20000 230 C1000A 00000 00AAA
	1/2	12,7	12	305	750	7	1CAB G0305 07500 230 B1000A 00000 00AAA
	1/2	12,7	12	305	1000	9	1CAB G0305 10000 230 B1000A 00000 00AAA
	1/2	12,7	12	305	1500	13	1CAB G0305 15000 230 B1000A 00000 00AAA
	1/2	12,7	12	305	2000	17	1CAB G0305 20000 230 C1000A 00000 00AAA

Two Single Sleeves

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

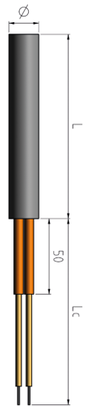
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	5/8	15,9	2	51	200	21	1CAB H0051 02000 230 B1000A 00000 00AAA
	5/8	15,9	2	51	300	31	1CAB H0051 03000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	250	15	1CAB H0064 02500 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	300	18	1CAB H0064 03000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	400	25	1CAB H0064 04000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	500	31	1CAB H0064 05000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	750	46	1CAB H0064 07500 230 B1000A 00000 00AAA
	5/8	15,9	3	76	300	13	1CAB H0076 03000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	400	18	1CAB H0076 04000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	500	22	1CAB H0076 05000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	750	33	1CAB H0076 07500 230 B1000A 00000 00AAA
	5/8	15,9	3	76	1000	44	1CAB H0076 10000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	400	11	1CAB H0102 04000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	500	14	1CAB H0102 05000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	600	17	1CAB H0102 06000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	750	21	1CAB H0102 07500 230 B1000A 00000 00AAA
	5/8	15,9	4	102	1000	28	1CAB H0102 10000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	1250	35	1CAB H0102 12500 230 B1000A 00000 00AAA
	5/8	15,9	5	127	600	12	1CAB H0127 06000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	800	16	1CAB H0127 08000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	1000	21	1CAB H0127 10000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	1300	27	1CAB H0127 13000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	600	10	1CAB H0152 06000 230 B1000A 00000 00AAA

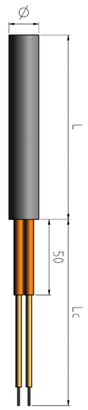
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	5/8	15,9	6	152	800	13	1CAB H0152 08000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1000	16	1CAB H0152 10000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1250	20	1CAB H0152 12500 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1500	24	1CAB H0152 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1000	13	1CAB H0178 10000 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1250	17	1CAB H0178 12500 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1500	20	1CAB H0178 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	800	9	1CAB H0203 08000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1000	11	1CAB H0203 10000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1250	14	1CAB H0203 12500 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1500	17	1CAB H0203 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1750	20	1CAB H0203 17500 230 C1000A 00000 00AAA
	5/8	15,9	7	203	2000	23	1CAB H0203 20000 230 C1000A 00000 00AAA
	5/8	15,9	10	254	750	7	1CAB H0254 07500 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1000	9	1CAB H0254 10000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1300	11	1CAB H0254 13000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1600	14	1CAB H0254 16000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	2000	18	1CAB H0254 20000 230 C1000A 00000 00AAA
	5/8	15,9	12	305	750	5	1CAB H0305 07500 230 B1000A 00000 00AAA
	5/8	15,9	12	305	1000	7	1CAB H0305 10000 230 B1000A 00000 00AAA
	5/8	15,9	12	305	1600	11	1CAB H0305 16000 230 B1000A 00000 00AAA
	5/8	15,9	12	305	2000	14	1CAB H0305 20000 230 C1000A 00000 00AAA
	5/8	15,9	12	305	2500	18	1CAB H0305 25000 230 D1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

Two Single Sleeves

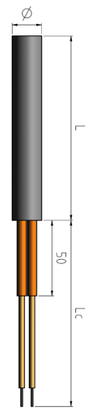
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

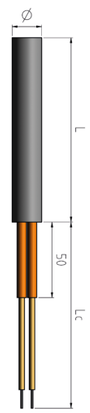
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		16		40	200	46	1CAB I0040 02000 230 B1000A 00000 00AAA
		16		50	200	21	1CAB I0050 02000 230 B1000A 00000 00AAA
		16		50	250	26	1CAB I0050 02500 230 B1000A 00000 00AAA
		16		50	320	34	1CAB I0050 03200 230 B1000A 00000 00AAA
		16		50	400	42	1CAB I0050 04000 230 B1000A 00000 00AAA
		16		60	200	14	1CAB I0060 02000 230 B1000A 00000 00AAA
		16		60	250	17	1CAB I0060 02500 230 B1000A 00000 00AAA
		16		60	320	22	1CAB I0060 03200 230 B1000A 00000 00AAA
		16		60	400	27	1CAB I0060 04000 230 B1000A 00000 00AAA
		16		60	500	34	1CAB I0060 05000 230 B1000A 00000 00AAA
		16		60	650	44	1CAB I0060 06500 230 B1000A 00000 00AAA
		16		80	250	10	1CAB I0080 02500 230 B1000A 00000 00AAA
		16		80	320	13	1CAB I0080 03200 230 B1000A 00000 00AAA
		16		80	400	16	1CAB I0080 04000 230 B1000A 00000 00AAA
		16		80	500	20	1CAB I0080 05000 230 B1000A 00000 00AAA
		16		80	650	26	1CAB I0080 06500 230 B1000A 00000 00AAA
		16		80	800	32	1CAB I0080 08000 230 B1000A 00000 00AAA
		16		80	1000	40	1CAB I0080 10000 230 B1000A 00000 00AAA
		16		100	320	9	1CAB I0100 03200 230 B1000A 00000 00AAA
		16		100	400	11	1CAB I0100 04000 230 B1000A 00000 00AAA
		16		100	500	14	1CAB I0100 05000 230 B1000A 00000 00AAA
		16		100	650	18	1CAB I0100 06500 230 B1000A 00000 00AAA
		16		100	800	23	1CAB I0100 08000 230 B1000A 00000 00AAA
		16		100	1000	28	1CAB I0100 10000 230 B1000A 00000 00AAA
		16		100	1250	35	1CAB I0100 12500 230 B1000A 00000 00AAA
		16		130	400	8	1CAB I0130 04000 230 B1000A 00000 00AAA
		16		130	500	10	1CAB I0130 05000 230 B1000A 00000 00AAA
		16		130	650	13	1CAB I0130 06500 230 B1000A 00000 00AAA
		16		130	800	16	1CAB I0130 08000 230 B1000A 00000 00AAA
		16		130	1000	20	1CAB I0130 10000 230 B1000A 00000 00AAA
		16		130	1250	25	1CAB I0130 12500 230 B1000A 00000 00AAA
		16		160	500	8	1CAB I0160 05000 230 B1000A 00000 00AAA
		16		160	650	10	1CAB I0160 06500 230 B1000A 00000 00AAA
		16		160	800	12	1CAB I0160 08000 230 B1000A 00000 00AAA
		16		160	1000	15	1CAB I0160 10000 230 B1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		16		160	1250	19	1CAB I0160 12500 230 B1000A 00000 00AAA
		16		160	1600	24	1CAB I0160 16000 230 B1000A 00000 00AAA
		16		180	800	10	1CAB I0180 08000 230 B1000A 00000 00AAA
		16		180	1000	13	1CAB I0180 10000 230 B1000A 00000 00AAA
		16		180	1250	16	1CAB I0180 12500 230 B1000A 00000 00AAA
		16		180	1600	21	1CAB I0180 16000 230 B1000A 00000 00AAA
		16		200	500	6	1CAB I0200 05000 230 B1000A 00000 00AAA
		16		200	800	9	1CAB I0200 08000 230 B1000A 00000 00AAA
		16		200	1000	12	1CAB I0200 10000 230 B1000A 00000 00AAA
		16		200	1250	14	1CAB I0200 12500 230 B1000A 00000 00AAA
		16		200	1600	18	1CAB I0200 16000 230 B1000A 00000 00AAA
		16		200	2000	23	1CAB I0200 20000 230 C1000A 00000 00AAA
		16		250	500	4	1CAB I0250 05000 230 B1000A 00000 00AAA
		16		250	800	7	1CAB I0250 08000 230 B1000A 00000 00AAA
		16		250	1000	9	1CAB I0250 10000 230 B1000A 00000 00AAA
		16		250	1250	11	1CAB I0250 12500 230 B1000A 00000 00AAA
		16		250	1600	14	1CAB I0250 16000 230 B1000A 00000 00AAA
		16		250	2000	18	1CAB I0250 20000 230 C1000A 00000 00AAA
		16		300	800	6	1CAB I0300 08000 230 B1000A 00000 00AAA
		16		300	1000	7	1CAB I0300 10000 230 B1000A 00000 00AAA
		16		300	1250	9	1CAB I0300 12500 230 B1000A 00000 00AAA
		16		300	1600	12	1CAB I0300 16000 230 B1000A 00000 00AAA
		16		300	2000	14	1CAB I0300 20000 230 C1000A 00000 00AAA
		16		300	2500	18	1CAB I0300 25000 230 D1000A 00000 00AAA
		16		350	750	5	1CAB I0350 07500 230 B1000A 00000 00AAA
		16		350	1000	6	1CAB I0350 10000 230 B1000A 00000 00AAA
		16		350	1300	8	1CAB I0350 13000 230 B1000A 00000 00AAA
		16		350	1600	10	1CAB I0350 16000 230 B1000A 00000 00AAA
		16		350	2000	12	1CAB I0350 20000 230 C1000A 00000 00AAA
		16		350	2500	15	1CAB I0350 25000 230 D1000A 00000 00AAA
		16		400	1000	5	1CAB I0400 10000 230 B1000A 00000 00AAA
		16		400	1400	7	1CAB I0400 14000 230 B1000A 00000 00AAA
		16		400	2000	11	1CAB I0400 20000 230 C1000A 00000 00AAA
		16		400	2500	13	1CAB I0400 25000 230 D1000A 00000 00AAA

Two Single Sleeves

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

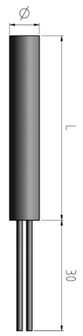
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		20		60	320	19	1CAB J0060 03200 230 C1000A 00000 00AAA
		20		60	500	29	1CAB J0060 05000 230 C1000A 00000 00AAA
		20		60	800	47	1CAB J0060 08000 230 C1000A 00000 00AAA
		20		80	320	11	1CAB J0080 03200 230 C1000A 00000 00AAA
		20		80	500	17	1CAB J0080 05000 230 C1000A 00000 00AAA
		20		80	800	27	1CAB J0080 08000 230 C1000A 00000 00AAA
		20		80	1000	33	1CAB J0080 10000 230 C1000A 00000 00AAA
		20		80	1250	42	1CAB J0080 12500 230 C1000A 00000 00AAA
		20		100	500	12	1CAB J0100 05000 230 C1000A 00000 00AAA
		20		100	800	19	1CAB J0100 08000 230 C1000A 00000 00AAA
		20		100	1000	23	1CAB J0100 10000 230 C1000A 00000 00AAA
		20		100	1250	29	1CAB J0100 12500 230 C1000A 00000 00AAA
		20		100	1600	37	1CAB J0100 16000 230 C1000A 00000 00AAA
		20		130	650	10	1CAB J0130 06500 230 C1000A 00000 00AAA
		20		130	1000	16	1CAB J0130 10000 230 C1000A 00000 00AAA
		20		130	1250	20	1CAB J0130 12500 230 C1000A 00000 00AAA
		20		130	1600	26	1CAB J0130 16000 230 C1000A 00000 00AAA
		20		130	2000	32	1CAB J0130 20000 230 C1000A 00000 00AAA
		20		160	800	10	1CAB J0160 08000 230 C1000A 00000 00AAA
		20		160	1000	12	1CAB J0160 10000 230 C1000A 00000 00AAA

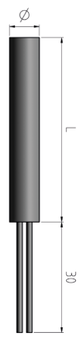
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		20		160	1250	15	1CAB J0160 12500 230 C1000A 00000 00AAA
		20		160	1600	20	1CAB J0160 16000 230 C1000A 00000 00AAA
		20		160	2000	25	1CAB J0160 20000 230 C1000A 00000 00AAA
		20		200	1000	9	1CAB J0200 10000 230 C1000A 00000 00AAA
		20		200	1600	15	1CAB J0200 16000 230 C1000A 00000 00AAA
		20		200	2000	19	1CAB J0200 20000 230 C1000A 00000 00AAA
		20		200	2500	23	1CAB J0200 25000 230 D1000A 00000 00AAA
		20		250	1000	7	1CAB J0250 10000 230 C1000A 00000 00AAA
		20		250	1250	9	1CAB J0250 12500 230 C1000A 00000 00AAA
		20		250	2000	14	1CAB J0250 20000 230 C1000A 00000 00AAA
		20		250	2500	18	1CAB J0250 25000 230 D1000A 00000 00AAA
		20		300	1600	9	1CAB J0300 16000 230 C1000A 00000 00AAA
		20		300	2200	13	1CAB J0300 22000 230 C1000A 00000 00AAA
		20		300	2500	15	1CAB J0300 25000 230 D1000A 00000 00AAA
		20		350	2000	10	1CAB J0350 20000 230 C1000A 00000 00AAA
		20		350	2500	12	1CAB J0350 25000 230 D1000A 00000 00AAA
		20		350	3000	15	1CAB J0350 30000 230 D1000A 00000 00AAA
		20		400	1600	7	1CAB J0400 16000 230 C1000A 00000 00AAA
		20		400	2500	11	1CAB J0400 25000 230 D1000A 00000 00AAA
		20		400	3000	13	1CAB J0400 30000 230 D1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

Rigid Terminals

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/4	6,35	1,25	32	100	37	1CAC A0032 01000 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	100	25	1CAC A0038 01000 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	150	37	1CAC A0038 01500 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	200	49	1CAC A0038 02000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	100	15	1CAC A0051 01000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	150	23	1CAC A0051 01500 230 A1000A 00000 00AAA
	1/4	6,35	2	51	200	30	1CAC A0051 02000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	250	38	1CAC A0051 02500 230 A1000A 00000 00AAA
	1/4	6,35	2	51	300	45	1CAC A0051 03000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	150	16	1CAC A0064 01500 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	200	22	1CAC A0064 02000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	250	27	1CAC A0064 02500 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	300	32	1CAC A0064 03000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	400	43	1CAC A0064 04000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	150	13	1CAC A0076 01500 230 A1000A 00000 00AAA
	1/4	6,35	3	76	200	17	1CAC A0076 02000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	250	21	1CAC A0076 02500 230 A1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/4	6,35	3	76	300	25	1CAC A0076 03000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	400	34	1CAC A0076 04000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	200	14	1CAC A0089 02000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	300	21	1CAC A0089 03000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	400	28	1CAC A0089 04000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	450	31	1CAC A0089 04500 230 A1000A 00000 00AAA
	1/4	6,35	4	102	175	10	1CAC A0102 01750 230 A1000A 00000 00AAA
	1/4	6,35	4	102	250	15	1CAC A0102 02500 230 A1000A 00000 00AAA
	1/4	6,35	4	102	300	18	1CAC A0102 03000 230 A1000A 00000 00AAA
	1/4	6,35	4	102	350	21	1CAC A0102 03500 230 A1000A 00000 00AAA
	1/4	6,35	5	127	300	13	1CAC A0127 03000 230 A1000A 00000 00AAA
	1/4	6,35	5	127	350	16	1CAC A0127 03500 230 A1000A 00000 00AAA
	1/4	6,35	5	127	400	18	1CAC A0127 04000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	300	11	1CAC A0152 03000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	400	15	1CAC A0152 04000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	500	18	1CAC A0152 05000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	600	22	1CAC A0152 06000 230 A1000A 00000 00AAA

Rigid Terminals

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

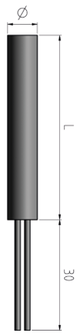
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		6,5		30	100	40	1CAC B0030 01000 230 A1000A 00000 00AAA
		6,5		40	100	22	1CAC B0040 01000 230 A1000A 00000 00AAA
		6,5		40	125	27	1CAC B0040 01250 230 A1000A 00000 00AAA
		6,5		40	160	35	1CAC B0040 01600 230 A1000A 00000 00AAA
		6,5		40	180	39	1CAC B0040 01800 230 A1000A 00000 00AAA
		6,5		40	200	44	1CAC B0040 02000 230 A1000A 00000 00AAA
		6,5		50	100	15	1CAC B0050 01000 230 A1000A 00000 00AAA
		6,5		50	125	19	1CAC B0050 01250 230 A1000A 00000 00AAA
		6,5		50	160	24	1CAC B0050 01600 230 A1000A 00000 00AAA
		6,5		50	200	30	1CAC B0050 02000 230 A1000A 00000 00AAA
		6,5		50	250	37	1CAC B0050 02500 230 A1000A 00000 00AAA
		6,5		60	125	14	1CAC B0060 01250 230 A1000A 00000 00AAA
		6,5		60	160	18	1CAC B0060 01600 230 A1000A 00000 00AAA
		6,5		60	180	21	1CAC B0060 01800 230 A1000A 00000 00AAA
		6,5		60	200	23	1CAC B0060 02000 230 A1000A 00000 00AAA
		6,5		60	250	28	1CAC B0060 02500 230 A1000A 00000 00AAA
		6,5		60	320	36	1CAC B0060 03200 230 A1000A 00000 00AAA
		6,5		80	125	10	1CAC B0080 01250 230 A1000A 00000 00AAA
		6,5		80	160	12	1CAC B0080 01600 230 A1000A 00000 00AAA
		6,5		80	180	14	1CAC B0080 01800 230 A1000A 00000 00AAA
		6,5		80	200	15	1CAC B0080 02000 230 A1000A 00000 00AAA
		6,5		80	250	19	1CAC B0080 02500 230 A1000A 00000 00AAA

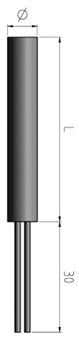
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		6,5		80	320	25	1CAC B0080 03200 230 A1000A 00000 00AAA
		6,5		80	350	27	1CAC B0080 03500 230 A1000A 00000 00AAA
		6,5		100	125	7	1CAC B0100 01250 230 A1000A 00000 00AAA
		6,5		100	160	9	1CAC B0100 01600 230 A1000A 00000 00AAA
		6,5		100	200	12	1CAC B0100 02000 230 A1000A 00000 00AAA
		6,5		100	250	15	1CAC B0100 02500 230 A1000A 00000 00AAA
		6,5		100	320	19	1CAC B0100 03200 230 A1000A 00000 00AAA
		6,5		100	350	20	1CAC B0100 03500 230 A1000A 00000 00AAA
		6,5		100	400	23	1CAC B0100 04000 230 A1000A 00000 00AAA
		6,5		130	150	6	1CAC B0130 01500 230 A1000A 00000 00AAA
		6,5		130	200	9	1CAC B0130 02000 230 A1000A 00000 00AAA
		6,5		130	250	11	1CAC B0130 02500 230 A1000A 00000 00AAA
		6,5		130	300	13	1CAC B0130 03000 230 A1000A 00000 00AAA
		6,5		130	350	15	1CAC B0130 03500 230 A1000A 00000 00AAA
		6,5		130	400	17	1CAC B0130 04000 230 A1000A 00000 00AAA
		6,5		160	200	7	1CAC B0160 02000 230 A1000A 00000 00AAA
		6,5		160	250	8	1CAC B0160 02500 230 A1000A 00000 00AAA
		6,5		160	300	10	1CAC B0160 03000 230 A1000A 00000 00AAA
		6,5		160	350	12	1CAC B0160 03500 230 A1000A 00000 00AAA
		6,5		160	400	13	1CAC B0160 04000 230 A1000A 00000 00AAA
		6,5		160	450	15	1CAC B0160 04500 230 A1000A 00000 00AAA
		6,5		160	500	17	1CAC B0160 05000 230 A1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

Rigid Terminals

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		8		30	100	36	1CAC C0030 01000 230 A1000A 00000 00AAB
		8		30	125	45	1CAC C0030 01250 230 A1000A 00000 00AAB
		8		40	100	19	1CAC C0040 01000 230 A1000A 00000 00AAB
		8		40	125	23	1CAC C0040 01250 230 A1000A 00000 00AAB
		8		40	140	26	1CAC C0040 01400 230 A1000A 00000 00AAB
		8		40	160	30	1CAC C0040 01600 230 A1000A 00000 00AAB
		8		40	200	37	1CAC C0040 02000 230 A1000A 00000 00AAB
		8		40	250	46	1CAC C0040 02500 230 A1000A 00000 00AAB
		8		50	125	16	1CAC C0050 01250 230 A1000A 00000 00AAB
		8		50	160	20	1CAC C0050 01600 230 A1000A 00000 00AAB
		8		50	200	25	1CAC C0050 02000 230 A1000A 00000 00AAB
		8		50	250	31	1CAC C0050 02500 230 A1000A 00000 00AAB
		8		50	320	40	1CAC C0050 03200 230 A1000A 00000 00AAB
		8		60	125	12	1CAC C0060 01250 230 A1000A 00000 00AAB
		8		60	160	15	1CAC C0060 01600 230 A1000A 00000 00AAB
		8		60	200	19	1CAC C0060 02000 230 A1000A 00000 00AAB
		8		60	250	24	1CAC C0060 02500 230 A1000A 00000 00AAB
		8		60	280	27	1CAC C0060 02800 230 A1000A 00000 00AAB
		8		60	320	30	1CAC C0060 03200 230 A1000A 00000 00AAB
		8		60	400	38	1CAC C0060 04000 230 A1000A 00000 00AAB
		8		80	160	10	1CAC C0080 01600 230 A1000A 00000 00AAB

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		8		80	200	13	1CAC C0080 02000 230 A1000A 00000 00AAB
		8		80	250	16	1CAC C0080 02500 230 A1000A 00000 00AAB
		8		80	280	18	1CAC C0080 02800 230 A1000A 00000 00AAB
		8		80	320	20	1CAC C0080 03200 230 A1000A 00000 00AAB
		8		80	400	25	1CAC C0080 04000 230 A1000A 00000 00AAB
		8		80	400	25	1CAC C0080 04000 230 A1000A 00000 00AAB
		8		100	160	8	1CAC C0100 01600 230 A1000A 00000 00AAB
		8		100	200	10	1CAC C0100 02000 230 A1000A 00000 00AAB
		8		100	250	12	1CAC C0100 02500 230 A1000A 00000 00AAB
		8		100	280	13	1CAC C0100 02800 230 A1000A 00000 00AAB
		8		100	320	15	1CAC C0100 03200 230 A1000A 00000 00AAB
		8		100	400	19	1CAC C0100 04000 230 A1000A 00000 00AAB
		8		130	200	7	1CAC C0130 02000 230 A1000A 00000 00AAB
		8		130	250	9	1CAC C0130 02500 230 A1000A 00000 00AAB
		8		130	320	11	1CAC C0130 03200 230 A1000A 00000 00AAB
		8		130	400	14	1CAC C0130 04000 230 A1000A 00000 00AAB
		8		160	250	7	1CAC C0160 02500 230 A1000A 00000 00AAB
		8		160	320	9	1CAC C0160 03200 230 A1000A 00000 00AAB
		8		160	450	12	1CAC C0160 04500 230 A1000A 00000 00AAB
		8		160	500	14	1CAC C0160 05000 230 A1000A 00000 00AAB
		8		160	600	17	1CAC C0160 06000 230 A1000A 00000 00AAB

Rigid Terminals

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

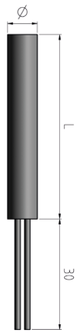
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	3/8	9,52	1,25	32	100	28	1CAC D0032 01000 230 A1000A 00000 00AAA
	3/8	9,52	1,25	32	125	35	1CAC D0032 01250 230 A1000A 00000 00AAA
	3/8	9,52	1,25	32	150	42	1CAC D0032 01500 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	100	18	1CAC D0038 01000 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	150	27	1CAC D0038 01500 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	200	36	1CAC D0038 02000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	100	11	1CAC D0051 01000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	150	16	1CAC D0051 01500 230 A1000A 00000 00AAA
	3/8	9,52	2	51	200	21	1CAC D0051 02000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	300	32	1CAC D0051 03000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	400	43	1CAC D0051 04000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	100	8	1CAC D0064 01000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	200	15	1CAC D0064 02000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	300	23	1CAC D0064 03000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	400	30	1CAC D0064 04000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	150	9	1CAC D0076 01500 230 A1000A 00000 00AAA
	3/8	9,52	3	76	200	12	1CAC D0076 02000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	300	17	1CAC D0076 03000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	400	23	1CAC D0076 04000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	500	29	1CAC D0076 05000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	600	35	1CAC D0076 06000 230 A1000A 00000 00AAA
	3/8	9,52	3,5	89	300	14	1CAC D0089 03000 230 A1000A 00000 00AAA
	3/8	9,52	3,5	89	400	19	1CAC D0089 04000 230 A1000A 00000 00AAA
	3/8	9,52	3,5	89	500	24	1CAC D0089 05000 230 A1000A 00000 00AAA

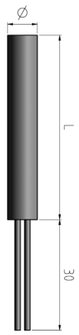
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	3/8	9,52	3,5	89	500	24	1CAC D0089 05000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	200	8	1CAC D0102 02000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	300	12	1CAC D0102 03000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	400	16	1CAC D0102 04000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	500	20	1CAC D0102 05000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	600	24	1CAC D0102 06000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	750	30	1CAC D0102 07500 230 A1000A 00000 00AAA
	3/8	9,52	5	127	400	12	1CAC D0127 04000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	500	15	1CAC D0127 05000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	800	24	1CAC D0127 08000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	1000	31	1CAC D0127 10000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	400	10	1CAC D0152 04000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	500	12	1CAC D0152 05000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	600	15	1CAC D0152 06000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	800	20	1CAC D0152 08000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	1000	25	1CAC D0152 10000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	500	10	1CAC D0178 05000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	600	12	1CAC D0178 06000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	800	17	1CAC D0178 08000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	1000	21	1CAC D0178 10000 230 A1000A 00000 00AAA
	3/8	9,52	8	203	600	11	1CAC D0203 06000 230 A1000A 00000 00AAA
	3/8	9,52	8	203	800	14	1CAC D0203 08000 230 A1000A 00000 00AAA
	3/8	9,52	8	203	1000	18	1CAC D0203 10000 230 A1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

Rigid Terminals

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		10		30	100	33	1CAC E0030 01000 230 A1000A 00000 00AAA
		10		30	125	42	1CAC E0030 01250 230 A1000A 00000 00AAA
		10		30	150	50	1CAC E0030 01500 230 A1000A 00000 00AAA
		10		40	100	16	1CAC E0040 01000 230 A1000A 00000 00AAA
		10		40	125	20	1CAC E0040 01250 230 A1000A 00000 00AAA
		10		40	160	26	1CAC E0040 01600 230 A1000A 00000 00AAA
		10		40	200	32	1CAC E0040 02000 230 A1000A 00000 00AAA
		10		40	250	40	1CAC E0040 02500 230 A1000A 00000 00AAA
		10		50	100	11	1CAC E0050 01000 230 A1000A 00000 00AAA
		10		50	125	13	1CAC E0050 01250 230 A1000A 00000 00AAA
		10		50	160	17	1CAC E0050 01600 230 A1000A 00000 00AAA
		10		50	200	21	1CAC E0050 02000 230 A1000A 00000 00AAA
		10		50	250	26	1CAC E0050 02500 230 A1000A 00000 00AAA
		10		50	320	34	1CAC E0050 03200 230 A1000A 00000 00AAA
		10		50	400	42	1CAC E0050 04000 230 A1000A 00000 00AAA
		10		60	160	13	1CAC E0060 01600 230 A1000A 00000 00AAA
		10		60	200	16	1CAC E0060 02000 230 A1000A 00000 00AAA
		10		60	250	20	1CAC E0060 02500 230 A1000A 00000 00AAA
		10		60	320	25	1CAC E0060 03200 230 A1000A 00000 00AAA
		10		60	400	32	1CAC E0060 04000 230 A1000A 00000 00AAA
		10		60	500	39	1CAC E0060 05000 230 A1000A 00000 00AAA
		10		80	160	8	1CAC E0080 01600 230 A1000A 00000 00AAA
		10		80	200	10	1CAC E0080 02000 230 A1000A 00000 00AAA
		10		80	250	13	1CAC E0080 02500 230 A1000A 00000 00AAA
		10		80	320	17	1CAC E0080 03200 230 A1000A 00000 00AAA
		10		80	400	21	1CAC E0080 04000 230 A1000A 00000 00AAA
		10		80	500	26	1CAC E0080 05000 230 A1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		10		80	650	34	1CAC E0080 06500 230 A1000A 00000 00AAA
		10		100	150	6	1CAC E0100 01500 230 A1000A 00000 00AAA
		10		100	200	8	1CAC E0100 02000 230 A1000A 00000 00AAA
		10		100	250	10	1CAC E0100 02500 230 A1000A 00000 00AAA
		10		100	350	14	1CAC E0100 03500 230 A1000A 00000 00AAA
		10		100	400	16	1CAC E0100 04000 230 A1000A 00000 00AAA
		10		100	500	20	1CAC E0100 05000 230 A1000A 00000 00AAA
		10		100	650	25	1CAC E0100 06500 230 A1000A 00000 00AAA
		10		100	850	33	1CAC E0100 08500 230 A1000A 00000 00AAA
		10		130	250	7	1CAC E0130 02500 230 A1000A 00000 00AAA
		10		130	320	9	1CAC E0130 03200 230 A1000A 00000 00AAA
		10		130	400	11	1CAC E0130 04000 230 A1000A 00000 00AAA
		10		130	500	14	1CAC E0130 05000 230 A1000A 00000 00AAA
		10		130	650	18	1CAC E0130 06500 230 A1000A 00000 00AAA
		10		130	800	23	1CAC E0130 08000 230 A1000A 00000 00AAA
		10		160	400	9	1CAC E0160 04000 230 A1000A 00000 00AAA
		10		160	500	11	1CAC E0160 05000 230 A1000A 00000 00AAA
		10		160	650	14	1CAC E0160 06500 230 A1000A 00000 00AAA
		10		160	800	18	1CAC E0160 08000 230 A1000A 00000 00AAA
		10		200	400	7	1CAC E0200 04000 230 A1000A 00000 00AAA
		10		200	500	9	1CAC E0200 05000 230 A1000A 00000 00AAA
		10		200	650	11	1CAC E0200 06500 230 A1000A 00000 00AAA
		10		200	800	14	1CAC E0200 08000 230 A1000A 00000 00AAA
		10		200	1000	17	1CAC E0200 10000 230 A1000A 00000 00AAA
		10		250	500	7	1CAC E0250 05000 230 A1000A 00000 00AAA
		10		250	650	9	1CAC E0250 06500 230 A1000A 00000 00AAA
		10		250	800	11	1CAC E0250 08000 230 A1000A 00000 00AAA
		10		250	1000	14	1CAC E0250 10000 230 A1000A 00000 00AAA

Rigid Terminals

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		12,5		40	125	19	1CAC F0040 01250 230 B1000A 00000 00AAA
		12,5		40	160	24	1CAC F0040 01600 230 B1000A 00000 00AAA
		12,5		40	200	30	1CAC F0040 02000 230 B1000A 00000 00AAA
		12,5		40	250	38	1CAC F0040 02500 230 B1000A 00000 00AAA
		12,5		40	320	48	1CAC F0040 03200 230 B1000A 00000 00AAA
		12,5		50	160	15	1CAC F0050 01600 230 B1000A 00000 00AAA
		12,5		50	200	19	1CAC F0050 02000 230 B1000A 00000 00AAA
		12,5		50	250	24	1CAC F0050 02500 230 B1000A 00000 00AAA
		12,5		50	320	30	1CAC F0050 03200 230 B1000A 00000 00AAA
		12,5		50	400	38	1CAC F0050 04000 230 B1000A 00000 00AAA
		12,5		50	500	47	1CAC F0050 05000 230 B1000A 00000 00AAA
		12,5		60	160	11	1CAC F0060 01600 230 B1000A 00000 00AAA
		12,5		60	200	14	1CAC F0060 02000 230 B1000A 00000 00AAA
		12,5		60	250	17	1CAC F0060 02500 230 B1000A 00000 00AAA
		12,5		60	320	22	1CAC F0060 03200 230 B1000A 00000 00AAA
		12,5		60	400	27	1CAC F0060 04000 230 B1000A 00000 00AAA
		12,5		60	500	34	1CAC F0060 05000 230 B1000A 00000 00AAA
		12,5		60	600	41	1CAC F0060 06000 230 B1000A 00000 00AAA
		12,5		80	160	7	1CAC F0080 01600 230 B1000A 00000 00AAA
		12,5		80	200	9	1CAC F0080 02000 230 B1000A 00000 00AAA
		12,5		80	250	11	1CAC F0080 02500 230 B1000A 00000 00AAA
		12,5		80	320	14	1CAC F0080 03200 230 B1000A 00000 00AAA
		12,5		80	400	18	1CAC F0080 04000 230 B1000A 00000 00AAA
		12,5		80	500	22	1CAC F0080 05000 230 B1000A 00000 00AAA
		12,5		80	650	29	1CAC F0080 06500 230 B1000A 00000 00AAA
		12,5		80	800	35	1CAC F0080 08000 230 B1000A 00000 00AAA
		12,5		100	250	8	1CAC F0100 02500 230 B1000A 00000 00AAA
		12,5		100	320	10	1CAC F0100 03200 230 B1000A 00000 00AAA
		12,5		100	400	13	1CAC F0100 04000 230 B1000A 00000 00AAA
		12,5		100	500	16	1CAC F0100 05000 230 B1000A 00000 00AAA
		12,5		100	650	21	1CAC F0100 06500 230 B1000A 00000 00AAA
		12,5		100	800	26	1CAC F0100 08000 230 B1000A 00000 00AAA
		12,5		100	1000	33	1CAC F0100 10000 230 B1000A 00000 00AAA
		12,5		130	250	6	1CAC F0130 02500 230 B1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		12,5		130	320	7	1CAC F0130 03200 230 B1000A 00000 00AAA
		12,5		130	400	9	1CAC F0130 04000 230 B1000A 00000 00AAA
		12,5		130	500	12	1CAC F0130 05000 230 B1000A 00000 00AAA
		12,5		130	650	15	1CAC F0130 06500 230 B1000A 00000 00AAA
		12,5		130	800	19	1CAC F0130 08000 230 B1000A 00000 00AAA
		12,5		130	1000	23	1CAC F0130 10000 230 B1000A 00000 00AAA
		12,5		130	1250	29	1CAC F0130 12500 230 B1000A 00000 00AAA
		12,5		160	500	9	1CAC F0160 05000 230 B1000A 00000 00AAA
		12,5		160	650	12	1CAC F0160 06500 230 B1000A 00000 00AAA
		12,5		160	800	15	1CAC F0160 08000 230 B1000A 00000 00AAA
		12,5		160	1000	18	1CAC F0160 10000 230 B1000A 00000 00AAA
		12,5		160	1300	24	1CAC F0160 13000 230 B1000A 00000 00AAA
		12,5		180	600	10	1CAC F0180 06000 230 B1000A 00000 00AAA
		12,5		180	750	12	1CAC F0180 07500 230 B1000A 00000 00AAA
		12,5		180	1000	16	1CAC F0180 10000 230 B1000A 00000 00AAA
		12,5		180	1300	21	1CAC F0180 13000 230 B1000A 00000 00AAA
		12,5		200	650	9	1CAC F0200 06500 230 B1000A 00000 00AAA
		12,5		200	800	11	1CAC F0200 08000 230 B1000A 00000 00AAA
		12,5		200	1000	14	1CAC F0200 10000 230 B1000A 00000 00AAA
		12,5		200	1250	18	1CAC F0200 12500 230 B1000A 00000 00AAA
		12,5		200	1500	21	1CAC F0200 15000 230 B1000A 00000 00AAA
		12,5		250	800	9	1CAC F0250 08000 230 B1000A 00000 00AAA
		12,5		250	1000	11	1CAC F0250 10000 230 B1000A 00000 00AAA
		12,5		250	1250	14	1CAC F0250 12500 230 B1000A 00000 00AAA
		12,5		250	1500	16	1CAC F0250 15000 230 B1000A 00000 00AAA
		12,5		250	2000	22	1CAC F0250 20000 230 C1000A 00000 00AAA
		12,5		250	2500	27	1CAC F0250 25000 230 D1000A 00000 00AAA
		12,5		300	600	5	1CAC F0300 06000 230 B1000A 00000 00AAA
		12,5		300	800	7	1CAC F0300 08000 230 B1000A 00000 00AAA
		12,5		300	1000	9	1CAC F0300 10000 230 B1000A 00000 00AAA
		12,5		300	1300	12	1CAC F0300 13000 230 B1000A 00000 00AAA
		12,5		300	1600	14	1CAC F0300 16000 230 B1000A 00000 00AAA
		12,5		300	2000	18	1CAC F0300 20000 230 C1000A 00000 00AAA
		12,5		300	2500	22	1CAC F0300 25000 230 D1000A 00000 00AAA

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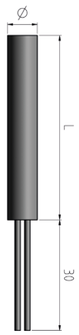
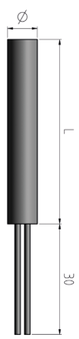
Heating Element Technologies

Rigid Terminals

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/2	12,7	1,25	32	100	29	1CAC G0032 01000 230 B1000A 00000 00AAA
	1/2	12,7	1,25	32	125	37	1CAC G0032 01250 230 B1000A 00000 00AAA
	1/2	12,7	1,25	32	150	44	1CAC G0032 01500 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	175	29	1CAC G0038 01750 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	200	33	1CAC G0038 02000 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	250	41	1CAC G0038 02500 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	300	50	1CAC G0038 03000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	200	18	1CAC G0051 02000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	250	22	1CAC G0051 02500 230 B1000A 00000 00AAA
	1/2	12,7	2	51	300	27	1CAC G0051 03000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	400	36	1CAC G0051 04000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	500	45	1CAC G0051 05000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	250	15	1CAC G0064 02500 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	300	18	1CAC G0064 03000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	400	24	1CAC G0064 04000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	500	30	1CAC G0064 05000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	250	12	1CAC G0076 02500 230 B1000A 00000 00AAA
	1/2	12,7	3	76	300	14	1CAC G0076 03000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	400	18	1CAC G0076 04000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	500	23	1CAC G0076 05000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	600	28	1CAC G0076 06000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	750	35	1CAC G0076 07500 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	300	11	1CAC G0089 03000 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	350	13	1CAC G0089 03500 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	500	19	1CAC G0089 05000 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	750	28	1CAC G0089 07500 230 B1000A 00000 00AAA
	1/2	12,7	4	102	350	11	1CAC G0102 03500 230 B1000A 00000 00AAA
	1/2	12,7	4	102	400	12	1CAC G0102 04000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	500	16	1CAC G0102 05000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	600	19	1CAC G0102 06000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	800	25	1CAC G0102 08000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	1000	31	1CAC G0102 10000 230 B1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/2	12,7	5	127	350	8	1CAC G0127 03500 230 B1000A 00000 00AAA
	1/2	12,7	5	127	400	9	1CAC G0127 04000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	500	12	1CAC G0127 05000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	600	14	1CAC G0127 06000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	750	18	1CAC G0127 07500 230 B1000A 00000 00AAA
	1/2	12,7	5	127	1000	24	1CAC G0127 10000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	400	8	1CAC G0152 04000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	500	9	1CAC G0152 05000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	600	11	1CAC G0152 06000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	750	14	1CAC G0152 07500 230 B1000A 00000 00AAA
	1/2	12,7	6	152	1000	19	1CAC G0152 10000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	500	8	1CAC G0178 05000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	800	13	1CAC G0178 08000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	1000	16	1CAC G0178 10000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	1500	24	1CAC G0178 15000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	600	8	1CAC G0203 06000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	800	11	1CAC G0203 08000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	1000	14	1CAC G0203 10000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	1500	20	1CAC G0203 15000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	2000	27	1CAC G0203 20000 230 C1000A 00000 00AAA
	1/2	12,7	9	229	1000	12	1CAC G0229 10000 230 B1000A 00000 00AAA
	1/2	12,7	9	229	1500	18	1CAC G0229 15000 230 B1000A 00000 00AAA
	1/2	12,7	9	229	2000	24	1CAC G0229 20000 230 C1000A 00000 00AAA
	1/2	12,7	10	254	800	8	1CAC G0254 08000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	1000	11	1CAC G0254 10000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	1500	16	1CAC G0254 15000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	2000	21	1CAC G0254 20000 230 C1000A 00000 00AAA
	1/2	12,7	12	305	750	7	1CAC G0305 07500 230 B1000A 00000 00AAA
	1/2	12,7	12	305	1000	9	1CAC G0305 10000 230 B1000A 00000 00AAA
	1/2	12,7	12	305	1500	13	1CAC G0305 15000 230 B1000A 00000 00AAA
	1/2	12,7	12	305	2000	17	1CAC G0305 20000 230 C1000A 00000 00AAA

Rigid Terminals

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

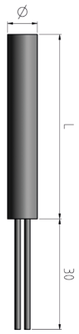
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	5/8	15,9	2	51	200	21	1CAC H0051 02000 230 B1000A 00000 00AAA
	5/8	15,9	2	51	300	31	1CAC H0051 03000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	250	15	1CAC H0064 02500 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	300	18	1CAC H0064 03000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	400	25	1CAC H0064 04000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	500	31	1CAC H0064 05000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	750	46	1CAC H0064 07500 230 B1000A 00000 00AAA
	5/8	15,9	3	76	300	13	1CAC H0076 03000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	400	18	1CAC H0076 04000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	500	22	1CAC H0076 05000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	750	33	1CAC H0076 07500 230 B1000A 00000 00AAA
	5/8	15,9	3	76	1000	44	1CAC H0076 10000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	400	11	1CAC H0102 04000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	500	14	1CAC H0102 05000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	600	17	1CAC H0102 06000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	750	21	1CAC H0102 07500 230 B1000A 00000 00AAA
	5/8	15,9	4	102	1000	28	1CAC H0102 10000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	1250	35	1CAC H0102 12500 230 B1000A 00000 00AAA
	5/8	15,9	5	127	600	12	1CAC H0127 06000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	800	16	1CAC H0127 08000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	1000	21	1CAC H0127 10000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	1300	27	1CAC H0127 13000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	600	10	1CAC H0152 06000 230 B1000A 00000 00AAA

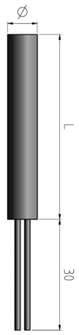
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	5/8	15,9	6	152	800	13	1CAC H0152 08000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1000	16	1CAC H0152 10000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1250	20	1CAC H0152 12500 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1500	24	1CAC H0152 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1000	13	1CAC H0178 10000 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1250	17	1CAC H0178 12500 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1500	20	1CAC H0178 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	800	9	1CAC H0203 08000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1000	11	1CAC H0203 10000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1250	14	1CAC H0203 12500 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1500	17	1CAC H0203 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1750	20	1CAC H0203 17500 230 C1000A 00000 00AAA
	5/8	15,9	7	203	2000	23	1CAC H0203 20000 230 C1000A 00000 00AAA
	5/8	15,9	10	254	750	7	1CAC H0254 07500 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1000	9	1CAC H0254 10000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1300	11	1CAC H0254 13000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1600	14	1CAC H0254 16000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	2000	18	1CAC H0254 20000 230 C1000A 00000 00AAA
	5/8	15,9	12	305	750	5	1CAC H0305 07500 230 B1000A 00000 00AAA
	5/8	15,9	12	305	1000	7	1CAC H0305 10000 230 B1000A 00000 00AAA
	5/8	15,9	12	305	1600	11	1CAC H0305 16000 230 B1000A 00000 00AAA
	5/8	15,9	12	305	2000	14	1CAC H0305 20000 230 C1000A 00000 00AAA
	5/8	15,9	12	305	2500	18	1CAC H0305 25000 230 D1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

Rigid Terminals

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		16		40	200	46	1CAC I0040 02000 230 B1000A 00000 00AAA
		16		50	200	21	1CAC I0050 02000 230 B1000A 00000 00AAA
		16		50	250	26	1CAC I0050 02500 230 B1000A 00000 00AAA
		16		50	320	34	1CAC I0050 03200 230 B1000A 00000 00AAA
		16		50	400	42	1CAC I0050 04000 230 B1000A 00000 00AAA
		16		60	200	14	1CAC I0060 02000 230 B1000A 00000 00AAA
		16		60	250	17	1CAC I0060 02500 230 B1000A 00000 00AAA
		16		60	320	22	1CAC I0060 03200 230 B1000A 00000 00AAA
		16		60	400	27	1CAC I0060 04000 230 B1000A 00000 00AAA
		16		60	500	34	1CAC I0060 05000 230 B1000A 00000 00AAA
		16		60	650	44	1CAC I0060 06500 230 B1000A 00000 00AAA
		16		80	250	10	1CAC I0080 02500 230 B1000A 00000 00AAA
		16		80	320	13	1CAC I0080 03200 230 B1000A 00000 00AAA
		16		80	400	16	1CAC I0080 04000 230 B1000A 00000 00AAA
		16		80	500	20	1CAC I0080 05000 230 B1000A 00000 00AAA
		16		80	650	26	1CAC I0080 06500 230 B1000A 00000 00AAA
		16		80	800	32	1CAC I0080 08000 230 B1000A 00000 00AAA
		16		80	1000	40	1CAC I0080 10000 230 B1000A 00000 00AAA
		16		100	320	9	1CAC I0100 03200 230 B1000A 00000 00AAA
		16		100	400	11	1CAC I0100 04000 230 B1000A 00000 00AAA
		16		100	500	14	1CAC I0100 05000 230 B1000A 00000 00AAA
		16		100	650	18	1CAC I0100 06500 230 B1000A 00000 00AAA
		16		100	800	23	1CAC I0100 08000 230 B1000A 00000 00AAA
		16		100	1000	28	1CAC I0100 10000 230 B1000A 00000 00AAA
		16		100	1250	35	1CAC I0100 12500 230 B1000A 00000 00AAA
		16		130	400	8	1CAC I0130 04000 230 B1000A 00000 00AAA
		16		130	500	10	1CAC I0130 05000 230 B1000A 00000 00AAA
		16		130	650	13	1CAC I0130 06500 230 B1000A 00000 00AAA
		16		130	800	16	1CAC I0130 08000 230 B1000A 00000 00AAA
		16		130	1000	20	1CAC I0130 10000 230 B1000A 00000 00AAA
		16		130	1250	25	1CAC I0130 12500 230 B1000A 00000 00AAA
		16		160	500	8	1CAC I0160 05000 230 B1000A 00000 00AAA
		16		160	650	10	1CAC I0160 06500 230 B1000A 00000 00AAA
		16		160	800	12	1CAC I0160 08000 230 B1000A 00000 00AAA
		16		160	1000	15	1CAC I0160 10000 230 B1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		16		160	1250	19	1CAC I0160 12500 230 B1000A 00000 00AAA
		16		160	1600	24	1CAC I0160 16000 230 B1000A 00000 00AAA
		16		180	800	10	1CAC I0180 08000 230 B1000A 00000 00AAA
		16		180	1000	13	1CAC I0180 10000 230 B1000A 00000 00AAA
		16		180	1250	16	1CAC I0180 12500 230 B1000A 00000 00AAA
		16		180	1600	21	1CAC I0180 16000 230 B1000A 00000 00AAA
		16		200	500	6	1CAC I0200 05000 230 B1000A 00000 00AAA
		16		200	800	9	1CAC I0200 08000 230 B1000A 00000 00AAA
		16		200	1000	12	1CAC I0200 10000 230 B1000A 00000 00AAA
		16		200	1250	14	1CAC I0200 12500 230 B1000A 00000 00AAA
		16		200	1600	18	1CAC I0200 16000 230 B1000A 00000 00AAA
		16		200	2000	23	1CAC I0200 20000 230 C1000A 00000 00AAA
		16		250	500	4	1CAC I0250 05000 230 B1000A 00000 00AAA
		16		250	800	7	1CAC I0250 08000 230 B1000A 00000 00AAA
		16		250	1000	9	1CAC I0250 10000 230 B1000A 00000 00AAA
		16		250	1250	11	1CAC I0250 12500 230 B1000A 00000 00AAA
		16		250	1600	14	1CAC I0250 16000 230 B1000A 00000 00AAA
		16		250	2000	18	1CAC I0250 20000 230 C1000A 00000 00AAA
		16		300	800	6	1CAC I0300 08000 230 B1000A 00000 00AAA
		16		300	1000	7	1CAC I0300 10000 230 B1000A 00000 00AAA
		16		300	1250	9	1CAC I0300 12500 230 B1000A 00000 00AAA
		16		300	1600	12	1CAC I0300 16000 230 B1000A 00000 00AAA
		16		300	2000	14	1CAC I0300 20000 230 C1000A 00000 00AAA
		16		300	2500	18	1CAC I0300 25000 230 D1000A 00000 00AAA
		16		350	750	5	1CAC I0350 07500 230 B1000A 00000 00AAA
		16		350	1000	6	1CAC I0350 10000 230 B1000A 00000 00AAA
		16		350	1300	8	1CAC I0350 13000 230 B1000A 00000 00AAA
		16		350	1600	10	1CAC I0350 16000 230 B1000A 00000 00AAA
		16		350	2000	12	1CAC I0350 20000 230 C1000A 00000 00AAA
		16		350	2500	15	1CAC I0350 25000 230 D1000A 00000 00AAA
		16		400	1000	5	1CAC I0400 10000 230 B1000A 00000 00AAA
		16		400	1400	7	1CAC I0400 14000 230 B1000A 00000 00AAA
		16		400	2000	11	1CAC I0400 20000 230 C1000A 00000 00AAA
		16		400	2500	13	1CAC I0400 25000 230 D1000A 00000 00AAA

Rigid Terminals

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

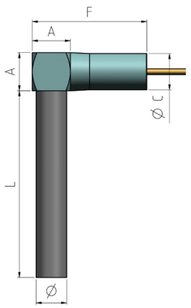
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		20		60	320	19	1CAC J0060 03200 230 C1000A 00000 00AAA
		20		60	500	29	1CAC J0060 05000 230 C1000A 00000 00AAA
		20		60	800	47	1CAC J0060 08000 230 C1000A 00000 00AAA
		20		80	320	11	1CAC J0080 03200 230 C1000A 00000 00AAA
		20		80	500	17	1CAC J0080 05000 230 C1000A 00000 00AAA
		20		80	800	27	1CAC J0080 08000 230 C1000A 00000 00AAA
		20		80	1000	33	1CAC J0080 10000 230 C1000A 00000 00AAA
		20		80	1250	42	1CAC J0080 12500 230 C1000A 00000 00AAA
		20		100	500	12	1CAC J0100 05000 230 C1000A 00000 00AAA
		20		100	800	19	1CAC J0100 08000 230 C1000A 00000 00AAA
		20		100	1000	23	1CAC J0100 10000 230 C1000A 00000 00AAA
		20		100	1250	29	1CAC J0100 12500 230 C1000A 00000 00AAA
		20		100	1600	37	1CAC J0100 16000 230 C1000A 00000 00AAA
		20		130	650	10	1CAC J0130 06500 230 C1000A 00000 00AAA
		20		130	1000	16	1CAC J0130 10000 230 C1000A 00000 00AAA
		20		130	1250	20	1CAC J0130 12500 230 C1000A 00000 00AAA
		20		130	1600	26	1CAC J0130 16000 230 C1000A 00000 00AAA
		20		130	2000	32	1CAC J0130 20000 230 C1000A 00000 00AAA
		20		160	800	10	1CAC J0160 08000 230 C1000A 00000 00AAA
		20		160	1000	12	1CAC J0160 10000 230 C1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		20		160	1250	15	1CAC J0160 12500 230 C1000A 00000 00AAA
		20		160	1600	20	1CAC J0160 16000 230 C1000A 00000 00AAA
		20		160	2000	25	1CAC J0160 20000 230 C1000A 00000 00AAA
		20		200	1000	9	1CAC J0200 10000 230 C1000A 00000 00AAA
		20		200	1600	15	1CAC J0200 16000 230 C1000A 00000 00AAA
		20		200	2000	19	1CAC J0200 20000 230 C1000A 00000 00AAA
		20		200	2500	23	1CAC J0200 25000 230 D1000A 00000 00AAA
		20		250	1000	7	1CAC J0250 10000 230 C1000A 00000 00AAA
		20		250	1250	9	1CAC J0250 12500 230 C1000A 00000 00AAA
		20		250	2000	14	1CAC J0250 20000 230 C1000A 00000 00AAA
		20		250	2500	18	1CAC J0250 25000 230 D1000A 00000 00AAA
		20		300	1600	9	1CAC J0300 16000 230 C1000A 00000 00AAA
		20		300	2200	13	1CAC J0300 22000 230 C1000A 00000 00AAA
		20		300	2500	15	1CAC J0300 25000 230 D1000A 00000 00AAA
		20		350	2000	10	1CAC J0350 20000 230 C1000A 00000 00AAA
		20		350	2500	12	1CAC J0350 25000 230 D1000A 00000 00AAA
		20		350	3000	15	1CAC J0350 30000 230 D1000A 00000 00AAA
		20		400	1600	7	1CAC J0400 16000 230 C1000A 00000 00AAA
		20		400	2500	11	1CAC J0400 25000 230 D1000A 00000 00AAA
		20		400	3000	13	1CAC J0400 30000 230 D1000A 00000 00AAA

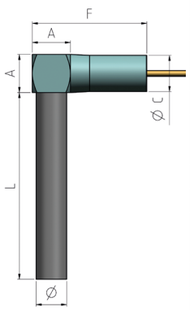
Zoppas Industries
Heating Element Technologies

90° Block

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/4	6,35	1,25	32	100	37	1CAD A0032 01000 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	100	25	1CAD A0038 01000 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	150	37	1CAD A0038 01500 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	200	49	1CAD A0038 02000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	100	15	1CAD A0051 01000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	150	23	1CAD A0051 01500 230 A1000A 00000 00AAA
	1/4	6,35	2	51	200	30	1CAD A0051 02000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	250	38	1CAD A0051 02500 230 A1000A 00000 00AAA
	1/4	6,35	2	51	300	45	1CAD A0051 03000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	150	16	1CAD A0064 01500 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	200	22	1CAD A0064 02000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	250	27	1CAD A0064 02500 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	300	32	1CAD A0064 03000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	400	43	1CAD A0064 04000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	150	13	1CAD A0076 01500 230 A1000A 00000 00AAA
	1/4	6,35	3	76	200	17	1CAD A0076 02000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	250	21	1CAD A0076 02500 230 A1000A 00000 00AAA

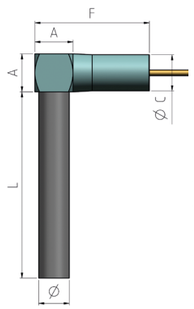
A = 10 mm
F = 30 mm
ØC = 7,5 mm

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/4	6,35	3	76	300	25	1CAD A0076 03000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	400	34	1CAD A0076 04000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	200	14	1CAD A0089 02000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	300	21	1CAD A0089 03000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	400	28	1CAD A0089 04000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	450	31	1CAD A0089 04500 230 A1000A 00000 00AAA
	1/4	6,35	4	102	175	10	1CAD A0102 01750 230 A1000A 00000 00AAA
	1/4	6,35	4	102	250	15	1CAD A0102 02500 230 A1000A 00000 00AAA
	1/4	6,35	4	102	300	18	1CAD A0102 03000 230 A1000A 00000 00AAA
	1/4	6,35	4	102	350	21	1CAD A0102 03500 230 A1000A 00000 00AAA
	1/4	6,35	5	127	300	13	1CAD A0127 03000 230 A1000A 00000 00AAA
	1/4	6,35	5	127	350	16	1CAD A0127 03500 230 A1000A 00000 00AAA
	1/4	6,35	5	127	400	18	1CAD A0127 04000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	300	11	1CAD A0152 03000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	400	15	1CAD A0152 04000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	500	18	1CAD A0152 05000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	600	22	1CAD A0152 06000 230 A1000A 00000 00AAA

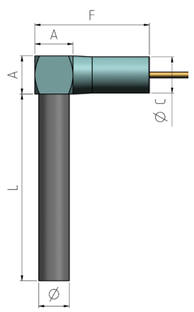
A = 10 mm
F = 30 mm
ØC = 7,5 mm

90° Block

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		6,5		30	100	40	1CAD B0030 01000 230 A1000A 00000 00AAA
		6,5		40	100	22	1CAD B0040 01000 230 A1000A 00000 00AAA
		6,5		40	125	27	1CAD B0040 01250 230 A1000A 00000 00AAA
		6,5		40	160	35	1CAD B0040 01600 230 A1000A 00000 00AAA
		6,5		40	180	39	1CAD B0040 01800 230 A1000A 00000 00AAA
		6,5		40	200	44	1CAD B0040 02000 230 A1000A 00000 00AAA
		6,5		50	100	15	1CAD B0050 01000 230 A1000A 00000 00AAA
		6,5		50	125	19	1CAD B0050 01250 230 A1000A 00000 00AAA
		6,5		50	160	24	1CAD B0050 01600 230 A1000A 00000 00AAA
		6,5		50	200	30	1CAD B0050 02000 230 A1000A 00000 00AAA
		6,5		50	250	37	1CAD B0050 02500 230 A1000A 00000 00AAA
		6,5		60	125	14	1CAD B0060 01250 230 A1000A 00000 00AAA
		6,5		60	160	18	1CAD B0060 01600 230 A1000A 00000 00AAA
		6,5		60	180	21	1CAD B0060 01800 230 A1000A 00000 00AAA
		6,5		60	200	23	1CAD B0060 02000 230 A1000A 00000 00AAA
		6,5		60	250	28	1CAD B0060 02500 230 A1000A 00000 00AAA
		6,5		60	320	36	1CAD B0060 03200 230 A1000A 00000 00AAA
		6,5		80	125	10	1CAD B0080 01250 230 A1000A 00000 00AAA
		6,5		80	160	12	1CAD B0080 01600 230 A1000A 00000 00AAA
		6,5		80	180	14	1CAD B0080 01800 230 A1000A 00000 00AAA
		6,5		80	200	15	1CAD B0080 02000 230 A1000A 00000 00AAA
		6,5		80	250	19	1CAD B0080 02500 230 A1000A 00000 00AAA

A = 10 mm
F = 30 mm
ØC = 7,5 mm

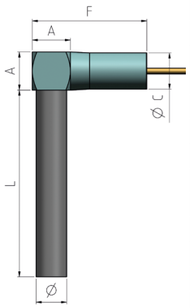
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		6,5		80	320	25	1CAD B0080 03200 230 A1000A 00000 00AAA
		6,5		80	350	27	1CAD B0080 03500 230 A1000A 00000 00AAA
		6,5		100	125	7	1CAD B0100 01250 230 A1000A 00000 00AAA
		6,5		100	160	9	1CAD B0100 01600 230 A1000A 00000 00AAA
		6,5		100	200	12	1CAD B0100 02000 230 A1000A 00000 00AAA
		6,5		100	250	15	1CAD B0100 02500 230 A1000A 00000 00AAA
		6,5		100	320	19	1CAD B0100 03200 230 A1000A 00000 00AAA
		6,5		100	350	20	1CAD B0100 03500 230 A1000A 00000 00AAA
		6,5		100	400	23	1CAD B0100 04000 230 A1000A 00000 00AAA
		6,5		130	150	6	1CAD B0130 01500 230 A1000A 00000 00AAA
		6,5		130	200	9	1CAD B0130 02000 230 A1000A 00000 00AAA
		6,5		130	250	11	1CAD B0130 02500 230 A1000A 00000 00AAA
		6,5		130	300	13	1CAD B0130 03000 230 A1000A 00000 00AAA
		6,5		130	350	15	1CAD B0130 03500 230 A1000A 00000 00AAA
		6,5		130	400	17	1CAD B0130 04000 230 A1000A 00000 00AAA
		6,5		160	200	7	1CAD B0160 02000 230 A1000A 00000 00AAA
		6,5		160	250	8	1CAD B0160 02500 230 A1000A 00000 00AAA
		6,5		160	300	10	1CAD B0160 03000 230 A1000A 00000 00AAA
		6,5		160	350	12	1CAD B0160 03500 230 A1000A 00000 00AAA
		6,5		160	400	13	1CAD B0160 04000 230 A1000A 00000 00AAA
		6,5		160	450	15	1CAD B0160 04500 230 A1000A 00000 00AAA
		6,5		160	500	17	1CAD B0160 05000 230 A1000A 00000 00AAA

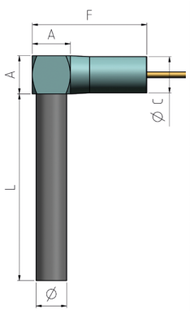
A = 10 mm
F = 30 mm
ØC = 7,5 mm

Zoppas Industries
Heating Element Technologies

90° Block

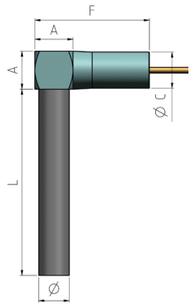
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

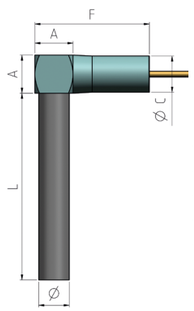
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		8		30	100	36	1CAD C0030 01000 230 A1000A 00000 00AAB
		8		30	125	45	1CAD C0030 01250 230 A1000A 00000 00AAB
		8		40	100	19	1CAD C0040 01000 230 A1000A 00000 00AAB
		8		40	125	23	1CAD C0040 01250 230 A1000A 00000 00AAB
		8		40	140	26	1CAD C0040 01400 230 A1000A 00000 00AAB
		8		40	160	30	1CAD C0040 01600 230 A1000A 00000 00AAB
		8		40	200	37	1CAD C0040 02000 230 A1000A 00000 00AAB
		8		40	250	46	1CAD C0040 02500 230 A1000A 00000 00AAB
		8		50	125	16	1CAD C0050 01250 230 A1000A 00000 00AAB
		8		50	160	20	1CAD C0050 01600 230 A1000A 00000 00AAB
		8		50	200	25	1CAD C0050 02000 230 A1000A 00000 00AAB
		8		50	250	31	1CAD C0050 02500 230 A1000A 00000 00AAB
		8		50	320	40	1CAD C0050 03200 230 A1000A 00000 00AAB
		8		60	125	12	1CAD C0060 01250 230 A1000A 00000 00AAB
		8		60	160	15	1CAD C0060 01600 230 A1000A 00000 00AAB
		8		60	200	19	1CAD C0060 02000 230 A1000A 00000 00AAB
		8		60	250	24	1CAD C0060 02500 230 A1000A 00000 00AAB
		8		60	280	27	1CAD C0060 02800 230 A1000A 00000 00AAB
A = 10 mm		8		60	320	30	1CAD C0060 03200 230 A1000A 00000 00AAB
F = 30 mm		8		60	400	38	1CAD C0060 04000 230 A1000A 00000 00AAB
ØC = 7,5 mm		8		80	160	10	1CAD C0080 01600 230 A1000A 00000 00AAB

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		8		80	200	13	1CAD C0080 02000 230 A1000A 00000 00AAB
		8		80	250	16	1CAD C0080 02500 230 A1000A 00000 00AAB
		8		80	280	18	1CAD C0080 02800 230 A1000A 00000 00AAB
		8		80	320	20	1CAD C0080 03200 230 A1000A 00000 00AAB
		8		80	400	25	1CAD C0080 04000 230 A1000A 00000 00AAB
		8		80	400	25	1CAD C0080 04000 230 A1000A 00000 00AAB
		8		100	160	8	1CAD C0100 01600 230 A1000A 00000 00AAB
		8		100	200	10	1CAD C0100 02000 230 A1000A 00000 00AAB
		8		100	250	12	1CAD C0100 02500 230 A1000A 00000 00AAB
		8		100	280	13	1CAD C0100 02800 230 A1000A 00000 00AAB
		8		100	320	15	1CAD C0100 03200 230 A1000A 00000 00AAB
		8		100	400	19	1CAD C0100 04000 230 A1000A 00000 00AAB
		8		130	200	7	1CAD C0130 02000 230 A1000A 00000 00AAB
		8		130	250	9	1CAD C0130 02500 230 A1000A 00000 00AAB
		8		130	320	11	1CAD C0130 03200 230 A1000A 00000 00AAB
		8		130	400	14	1CAD C0130 04000 230 A1000A 00000 00AAB
		8		160	250	7	1CAD C0160 02500 230 A1000A 00000 00AAB
		8		160	320	9	1CAD C0160 03200 230 A1000A 00000 00AAB
A = 10 mm		8		160	450	12	1CAD C0160 04500 230 A1000A 00000 00AAB
F = 30 mm		8		160	500	14	1CAD C0160 05000 230 A1000A 00000 00AAB
ØC = 7,5 mm		8		160	600	17	1CAD C0160 06000 230 A1000A 00000 00AAB

90° Block

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

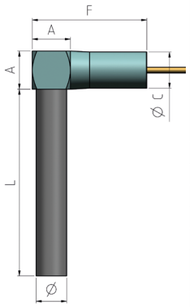
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	3/8	9,52	1,25	32	100	28	1CAD D0032 01000 230 A1000A 00000 00AAA
	3/8	9,52	1,25	32	125	35	1CAD D0032 01250 230 A1000A 00000 00AAA
	3/8	9,52	1,25	32	150	42	1CAD D0032 01500 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	100	18	1CAD D0038 01000 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	150	27	1CAD D0038 01500 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	200	36	1CAD D0038 02000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	100	11	1CAD D0051 01000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	150	16	1CAD D0051 01500 230 A1000A 00000 00AAA
	3/8	9,52	2	51	200	21	1CAD D0051 02000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	300	32	1CAD D0051 03000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	400	43	1CAD D0051 04000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	100	8	1CAD D0064 01000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	200	15	1CAD D0064 02000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	300	23	1CAD D0064 03000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	400	30	1CAD D0064 04000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	150	9	1CAD D0076 01500 230 A1000A 00000 00AAA
	3/8	9,52	3	76	200	12	1CAD D0076 02000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	300	17	1CAD D0076 03000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	400	23	1CAD D0076 04000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	500	29	1CAD D0076 05000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	600	35	1CAD D0076 06000 230 A1000A 00000 00AAA
A = 10 mm	3/8	9,52	3,5	89	300	14	1CAD D0089 03000 230 A1000A 00000 00AAA
F = 30 mm	3/8	9,52	3,5	89	400	19	1CAD D0089 04000 230 A1000A 00000 00AAA
ØC = 7,5 mm	3/8	9,52	3,5	89	500	24	1CAD D0089 05000 230 A1000A 00000 00AAA

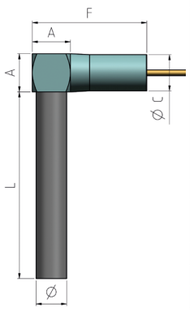
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	3/8	9,52	3,5	89	500	24	1CAD D0089 05000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	200	8	1CAD D0102 02000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	300	12	1CAD D0102 03000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	400	16	1CAD D0102 04000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	500	20	1CAD D0102 05000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	600	24	1CAD D0102 06000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	750	30	1CAD D0102 07500 230 A1000A 00000 00AAA
	3/8	9,52	5	127	400	12	1CAD D0127 04000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	500	15	1CAD D0127 05000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	800	24	1CAD D0127 08000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	1000	31	1CAD D0127 10000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	400	10	1CAD D0152 04000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	500	12	1CAD D0152 05000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	600	15	1CAD D0152 06000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	800	20	1CAD D0152 08000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	1000	25	1CAD D0152 10000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	500	10	1CAD D0178 05000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	600	12	1CAD D0178 06000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	800	17	1CAD D0178 08000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	1000	21	1CAD D0178 10000 230 A1000A 00000 00AAA
A = 10 mm	3/8	9,52	8	203	600	11	1CAD D0203 06000 230 A1000A 00000 00AAA
F = 30 mm	3/8	9,52	8	203	800	14	1CAD D0203 08000 230 A1000A 00000 00AAA
ØC = 7,5 mm	3/8	9,52	8	203	1000	18	1CAD D0203 10000 230 A1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

90° Block

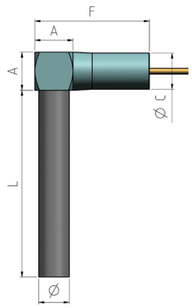
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

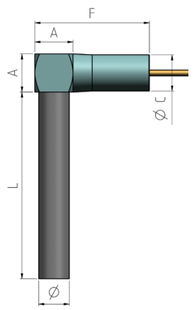
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		10		30	100	33	1CAD E0030 01000 230 A1000A 00000 00AAA
		10		30	125	42	1CAD E0030 01250 230 A1000A 00000 00AAA
		10		30	150	50	1CAD E0030 01500 230 A1000A 00000 00AAA
		10		40	100	16	1CAD E0040 01000 230 A1000A 00000 00AAA
		10		40	125	20	1CAD E0040 01250 230 A1000A 00000 00AAA
		10		40	160	26	1CAD E0040 01600 230 A1000A 00000 00AAA
		10		40	200	32	1CAD E0040 02000 230 A1000A 00000 00AAA
		10		40	250	40	1CAD E0040 02500 230 A1000A 00000 00AAA
		10		50	100	11	1CAD E0050 01000 230 A1000A 00000 00AAA
		10		50	125	13	1CAD E0050 01250 230 A1000A 00000 00AAA
		10		50	160	17	1CAD E0050 01600 230 A1000A 00000 00AAA
		10		50	200	21	1CAD E0050 02000 230 A1000A 00000 00AAA
		10		50	250	26	1CAD E0050 02500 230 A1000A 00000 00AAA
		10		50	320	34	1CAD E0050 03200 230 A1000A 00000 00AAA
		10		50	400	42	1CAD E0050 04000 230 A1000A 00000 00AAA
		10		60	160	13	1CAD E0060 01600 230 A1000A 00000 00AAA
		10		60	200	16	1CAD E0060 02000 230 A1000A 00000 00AAA
		10		60	250	20	1CAD E0060 02500 230 A1000A 00000 00AAA
		10		60	320	25	1CAD E0060 03200 230 A1000A 00000 00AAA
		10		60	400	32	1CAD E0060 04000 230 A1000A 00000 00AAA
		10		60	500	39	1CAD E0060 05000 230 A1000A 00000 00AAA
		10		80	160	8	1CAD E0080 01600 230 A1000A 00000 00AAA
		10		80	200	10	1CAD E0080 02000 230 A1000A 00000 00AAA
		10		80	250	13	1CAD E0080 02500 230 A1000A 00000 00AAA
A = 10 mm		10		80	320	17	1CAD E0080 03200 230 A1000A 00000 00AAA
F = 30 mm		10		80	400	21	1CAD E0080 04000 230 A1000A 00000 00AAA
ØC = 7,5 mm		10		80	500	26	1CAD E0080 05000 230 A1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		10		80	650	34	1CAD E0080 06500 230 A1000A 00000 00AAA
		10		100	150	6	1CAD E0100 01500 230 A1000A 00000 00AAA
		10		100	200	8	1CAD E0100 02000 230 A1000A 00000 00AAA
		10		100	250	10	1CAD E0100 02500 230 A1000A 00000 00AAA
		10		100	350	14	1CAD E0100 03500 230 A1000A 00000 00AAA
		10		100	400	16	1CAD E0100 04000 230 A1000A 00000 00AAA
		10		100	500	20	1CAD E0100 05000 230 A1000A 00000 00AAA
		10		100	650	25	1CAD E0100 06500 230 A1000A 00000 00AAA
		10		100	850	33	1CAD E0100 08500 230 A1000A 00000 00AAA
		10		130	250	7	1CAD E0130 02500 230 A1000A 00000 00AAA
		10		130	320	9	1CAD E0130 03200 230 A1000A 00000 00AAA
		10		130	400	11	1CAD E0130 04000 230 A1000A 00000 00AAA
		10		130	500	14	1CAD E0130 05000 230 A1000A 00000 00AAA
		10		130	650	18	1CAD E0130 06500 230 A1000A 00000 00AAA
		10		130	800	23	1CAD E0130 08000 230 A1000A 00000 00AAA
		10		160	400	9	1CAD E0160 04000 230 A1000A 00000 00AAA
		10		160	500	11	1CAD E0160 05000 230 A1000A 00000 00AAA
		10		160	650	14	1CAD E0160 06500 230 A1000A 00000 00AAA
		10		160	800	18	1CAD E0160 08000 230 A1000A 00000 00AAA
		10		200	400	7	1CAD E0200 04000 230 A1000A 00000 00AAA
		10		200	500	9	1CAD E0200 05000 230 A1000A 00000 00AAA
		10		200	650	11	1CAD E0200 06500 230 A1000A 00000 00AAA
		10		200	800	14	1CAD E0200 08000 230 A1000A 00000 00AAA
		10		200	1000	17	1CAD E0200 10000 230 A1000A 00000 00AAA
		10		250	500	7	1CAD E0250 05000 230 A1000A 00000 00AAA
A = 10 mm		10		250	650	9	1CAD E0250 06500 230 A1000A 00000 00AAA
F = 30 mm		10		250	800	11	1CAD E0250 08000 230 A1000A 00000 00AAA
ØC = 7,5 mm		10		250	1000	14	1CAD E0250 10000 230 A1000A 00000 00AAA

90° Block

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

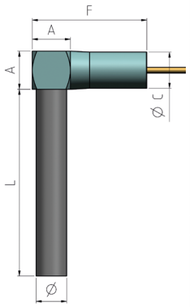
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		12,5		40	125	19	1CAD F0040 01250 230 B1000A 00000 00AAA
		12,5		40	160	24	1CAD F0040 01600 230 B1000A 00000 00AAA
		12,5		40	200	30	1CAD F0040 02000 230 B1000A 00000 00AAA
		12,5		40	250	38	1CAD F0040 02500 230 B1000A 00000 00AAA
		12,5		40	320	48	1CAD F0040 03200 230 B1000A 00000 00AAA
		12,5		50	160	15	1CAD F0050 01600 230 B1000A 00000 00AAA
		12,5		50	200	19	1CAD F0050 02000 230 B1000A 00000 00AAA
		12,5		50	250	24	1CAD F0050 02500 230 B1000A 00000 00AAA
		12,5		50	320	30	1CAD F0050 03200 230 B1000A 00000 00AAA
		12,5		50	400	38	1CAD F0050 04000 230 B1000A 00000 00AAA
		12,5		50	500	47	1CAD F0050 05000 230 B1000A 00000 00AAA
		12,5		60	160	11	1CAD F0060 01600 230 B1000A 00000 00AAA
		12,5		60	200	14	1CAD F0060 02000 230 B1000A 00000 00AAA
		12,5		60	250	17	1CAD F0060 02500 230 B1000A 00000 00AAA
		12,5		60	320	22	1CAD F0060 03200 230 B1000A 00000 00AAA
		12,5		60	400	27	1CAD F0060 04000 230 B1000A 00000 00AAA
		12,5		60	500	34	1CAD F0060 05000 230 B1000A 00000 00AAA
		12,5		60	600	41	1CAD F0060 06000 230 B1000A 00000 00AAA
		12,5		80	160	7	1CAD F0080 01600 230 B1000A 00000 00AAA
		12,5		80	200	9	1CAD F0080 02000 230 B1000A 00000 00AAA
		12,5		80	250	11	1CAD F0080 02500 230 B1000A 00000 00AAA
		12,5		80	320	14	1CAD F0080 03200 230 B1000A 00000 00AAA
		12,5		80	400	18	1CAD F0080 04000 230 B1000A 00000 00AAA
		12,5		80	500	22	1CAD F0080 05000 230 B1000A 00000 00AAA
		12,5		80	650	29	1CAD F0080 06500 230 B1000A 00000 00AAA
		12,5		80	800	35	1CAD F0080 08000 230 B1000A 00000 00AAA
		12,5		100	250	8	1CAD F0100 02500 230 B1000A 00000 00AAA
		12,5		100	320	10	1CAD F0100 03200 230 B1000A 00000 00AAA
		12,5		100	400	13	1CAD F0100 04000 230 B1000A 00000 00AAA
		12,5		100	500	16	1CAD F0100 05000 230 B1000A 00000 00AAA
A = 10 mm		12,5		100	650	21	1CAD F0100 06500 230 B1000A 00000 00AAA
F = 30 mm		12,5		100	800	26	1CAD F0100 08000 230 B1000A 00000 00AAA
ØC = 7,5 mm		12,5		100	1000	33	1CAD F0100 10000 230 B1000A 00000 00AAA
		12,5		130	250	6	1CAD F0130 02500 230 B1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		12,5		130	320	7	1CAD F0130 03200 230 B1000A 00000 00AAA
		12,5		130	400	9	1CAD F0130 04000 230 B1000A 00000 00AAA
		12,5		130	500	12	1CAD F0130 05000 230 B1000A 00000 00AAA
		12,5		130	650	15	1CAD F0130 06500 230 B1000A 00000 00AAA
		12,5		130	800	19	1CAD F0130 08000 230 B1000A 00000 00AAA
		12,5		130	1000	23	1CAD F0130 10000 230 B1000A 00000 00AAA
		12,5		130	1250	29	1CAD F0130 12500 230 B1000A 00000 00AAA
		12,5		160	500	9	1CAD F0160 05000 230 B1000A 00000 00AAA
		12,5		160	650	12	1CAD F0160 06500 230 B1000A 00000 00AAA
		12,5		160	800	15	1CAD F0160 08000 230 B1000A 00000 00AAA
		12,5		160	1000	18	1CAD F0160 10000 230 B1000A 00000 00AAA
		12,5		160	1300	24	1CAD F0160 13000 230 B1000A 00000 00AAA
		12,5		180	600	10	1CAD F0180 06000 230 B1000A 00000 00AAA
		12,5		180	750	12	1CAD F0180 07500 230 B1000A 00000 00AAA
		12,5		180	1000	16	1CAD F0180 10000 230 B1000A 00000 00AAA
		12,5		180	1300	21	1CAD F0180 13000 230 B1000A 00000 00AAA
		12,5		200	650	9	1CAD F0200 06500 230 B1000A 00000 00AAA
		12,5		200	800	11	1CAD F0200 08000 230 B1000A 00000 00AAA
		12,5		200	1000	14	1CAD F0200 10000 230 B1000A 00000 00AAA
		12,5		200	1250	18	1CAD F0200 12500 230 B1000A 00000 00AAA
		12,5		200	1500	21	1CAD F0200 15000 230 B1000A 00000 00AAA
		12,5		250	800	9	1CAD F0250 08000 230 B1000A 00000 00AAA
		12,5		250	1000	11	1CAD F0250 10000 230 B1000A 00000 00AAA
		12,5		250	1250	14	1CAD F0250 12500 230 B1000A 00000 00AAA
		12,5		250	1500	16	1CAD F0250 15000 230 B1000A 00000 00AAA
		12,5		250	2000	22	1CAD F0250 20000 230 C1000A 00000 00AAA
		12,5		250	2500	27	1CAD F0250 25000 230 D1000A 00000 00AAA
		12,5		300	600	5	1CAD F0300 06000 230 B1000A 00000 00AAA
		12,5		300	800	7	1CAD F0300 08000 230 B1000A 00000 00AAA
		12,5		300	1000	9	1CAD F0300 10000 230 B1000A 00000 00AAA
		12,5		300	1300	12	1CAD F0300 13000 230 B1000A 00000 00AAA
		12,5		300	1600	14	1CAD F0300 16000 230 B1000A 00000 00AAA
A = 10 mm		12,5		300	2000	18	1CAD F0300 20000 230 C1000A 00000 00AAA
F = 30 mm		12,5		300	2500	22	1CAD F0300 25000 230 D1000A 00000 00AAA
ØC = 7,5 mm							

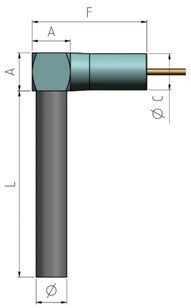
Zoppas Industries
Heating Element Technologies

90° Block

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/2	12,7	1,25	32	100	29	1CAD G0032 01000 230 B1000A 00000 00AAA
	1/2	12,7	1,25	32	125	37	1CAD G0032 01250 230 B1000A 00000 00AAA
	1/2	12,7	1,25	32	150	44	1CAD G0032 01500 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	175	29	1CAD G0038 01750 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	200	33	1CAD G0038 02000 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	250	41	1CAD G0038 02500 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	300	50	1CAD G0038 03000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	200	18	1CAD G0051 02000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	250	22	1CAD G0051 02500 230 B1000A 00000 00AAA
	1/2	12,7	2	51	300	27	1CAD G0051 03000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	400	36	1CAD G0051 04000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	500	45	1CAD G0051 05000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	250	15	1CAD G0064 02500 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	300	18	1CAD G0064 03000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	400	24	1CAD G0064 04000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	500	30	1CAD G0064 05000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	250	12	1CAD G0076 02500 230 B1000A 00000 00AAA
	1/2	12,7	3	76	300	14	1CAD G0076 03000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	400	18	1CAD G0076 04000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	500	23	1CAD G0076 05000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	600	28	1CAD G0076 06000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	750	35	1CAD G0076 07500 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	300	11	1CAD G0089 03000 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	350	13	1CAD G0089 03500 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	500	19	1CAD G0089 05000 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	750	28	1CAD G0089 07500 230 B1000A 00000 00AAA
	1/2	12,7	4	102	350	11	1CAD G0102 03500 230 B1000A 00000 00AAA
	1/2	12,7	4	102	400	12	1CAD G0102 04000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	500	16	1CAD G0102 05000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	600	19	1CAD G0102 06000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	800	25	1CAD G0102 08000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	1000	31	1CAD G0102 10000 230 B1000A 00000 00AAA

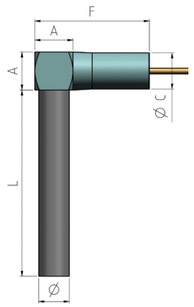
A = 10 mm
F = 30 mm
ØC = 7,5 mm

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/2	12,7	5	127	350	8	1CAD G0127 03500 230 B1000A 00000 00AAA
	1/2	12,7	5	127	400	9	1CAD G0127 04000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	500	12	1CAD G0127 05000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	600	14	1CAD G0127 06000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	750	18	1CAD G0127 07500 230 B1000A 00000 00AAA
	1/2	12,7	5	127	1000	24	1CAD G0127 10000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	400	8	1CAD G0152 04000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	500	9	1CAD G0152 05000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	600	11	1CAD G0152 06000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	750	14	1CAD G0152 07500 230 B1000A 00000 00AAA
	1/2	12,7	6	152	1000	19	1CAD G0152 10000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	500	8	1CAD G0178 05000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	800	13	1CAD G0178 08000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	1000	16	1CAD G0178 10000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	1500	24	1CAD G0178 15000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	600	8	1CAD G0203 06000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	800	11	1CAD G0203 08000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	1000	14	1CAD G0203 10000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	1500	20	1CAD G0203 15000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	2000	27	1CAD G0203 20000 230 C1000A 00000 00AAA
	1/2	12,7	9	229	1000	12	1CAD G0229 10000 230 B1000A 00000 00AAA
	1/2	12,7	9	229	1500	18	1CAD G0229 15000 230 B1000A 00000 00AAA
	1/2	12,7	9	229	2000	24	1CAD G0229 20000 230 C1000A 00000 00AAA
	1/2	12,7	10	254	800	8	1CAD G0254 08000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	1000	11	1CAD G0254 10000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	1500	16	1CAD G0254 15000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	2000	21	1CAD G0254 20000 230 C1000A 00000 00AAA
	1/2	12,7	12	305	750	7	1CAD G0305 07500 230 B1000A 00000 00AAA
	1/2	12,7	12	305	1000	9	1CAD G0305 10000 230 B1000A 00000 00AAA
	1/2	12,7	12	305	1500	13	1CAD G0305 15000 230 B1000A 00000 00AAA
	1/2	12,7	12	305	2000	17	1CAD G0305 20000 230 C1000A 00000 00AAA

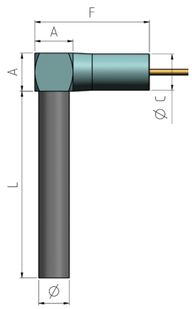
A = 10 mm
F = 30 mm
ØC = 7,5 mm

90° Block

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	5/8	15,9	2	51	200	21	1CAD H0051 02000 230 B1000A 00000 00AAA
	5/8	15,9	2	51	300	31	1CAD H0051 03000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	250	15	1CAD H0064 02500 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	300	18	1CAD H0064 03000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	400	25	1CAD H0064 04000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	500	31	1CAD H0064 05000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	750	46	1CAD H0064 07500 230 B1000A 00000 00AAA
	5/8	15,9	3	76	300	13	1CAD H0076 03000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	400	18	1CAD H0076 04000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	500	22	1CAD H0076 05000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	750	33	1CAD H0076 07500 230 B1000A 00000 00AAA
	5/8	15,9	3	76	1000	44	1CAD H0076 10000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	400	11	1CAD H0102 04000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	500	14	1CAD H0102 05000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	600	17	1CAD H0102 06000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	750	21	1CAD H0102 07500 230 B1000A 00000 00AAA
	5/8	15,9	4	102	1000	28	1CAD H0102 10000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	1250	35	1CAD H0102 12500 230 B1000A 00000 00AAA
	5/8	15,9	5	127	600	12	1CAD H0127 06000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	800	16	1CAD H0127 08000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	1000	21	1CAD H0127 10000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	1300	27	1CAD H0127 13000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	600	10	1CAD H0152 06000 230 B1000A 00000 00AAA

A = 10 mm
F = 30 mm
ØC = 7,5 mm

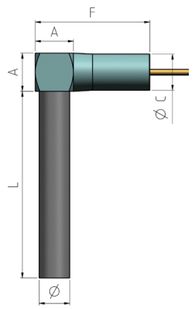
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	5/8	15,9	6	152	800	13	1CAD H0152 08000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1000	16	1CAD H0152 10000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1250	20	1CAD H0152 12500 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1500	24	1CAD H0152 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1000	13	1CAD H0178 10000 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1250	17	1CAD H0178 12500 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1500	20	1CAD H0178 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	800	9	1CAD H0203 08000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1000	11	1CAD H0203 10000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1250	14	1CAD H0203 12500 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1500	17	1CAD H0203 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1750	20	1CAD H0203 17500 230 C1000A 00000 00AAA
	5/8	15,9	7	203	2000	23	1CAD H0203 20000 230 C1000A 00000 00AAA
	5/8	15,9	10	254	750	7	1CAD H0254 07500 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1000	9	1CAD H0254 10000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1300	11	1CAD H0254 13000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1600	14	1CAD H0254 16000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	2000	18	1CAD H0254 20000 230 C1000A 00000 00AAA
	5/8	15,9	12	305	750	5	1CAD H0305 07500 230 B1000A 00000 00AAA
	5/8	15,9	12	305	1000	7	1CAD H0305 10000 230 B1000A 00000 00AAA
	5/8	15,9	12	305	1600	11	1CAD H0305 16000 230 B1000A 00000 00AAA
	5/8	15,9	12	305	2000	14	1CAD H0305 20000 230 C1000A 00000 00AAA
	5/8	15,9	12	305	2500	18	1CAD H0305 25000 230 D1000A 00000 00AAA

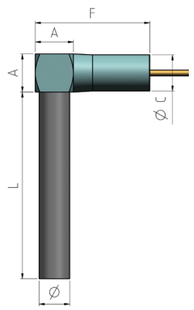
A = 10 mm
F = 30 mm
ØC = 7,5 mm

Zoppas Industries
Heating Element Technologies

90° Block

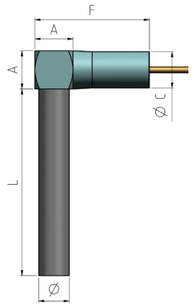
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

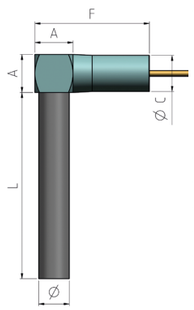
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		16		40	200	46	1CAD I0040 02000 230 B1000A 00000 00AAA
		16		50	200	21	1CAD I0050 02000 230 B1000A 00000 00AAA
		16		50	250	26	1CAD I0050 02500 230 B1000A 00000 00AAA
		16		50	320	34	1CAD I0050 03200 230 B1000A 00000 00AAA
		16		50	400	42	1CAD I0050 04000 230 B1000A 00000 00AAA
		16		60	200	14	1CAD I0060 02000 230 B1000A 00000 00AAA
		16		60	250	17	1CAD I0060 02500 230 B1000A 00000 00AAA
		16		60	320	22	1CAD I0060 03200 230 B1000A 00000 00AAA
		16		60	400	27	1CAD I0060 04000 230 B1000A 00000 00AAA
		16		60	500	34	1CAD I0060 05000 230 B1000A 00000 00AAA
		16		60	650	44	1CAD I0060 06500 230 B1000A 00000 00AAA
		16		80	250	10	1CAD I0080 02500 230 B1000A 00000 00AAA
		16		80	320	13	1CAD I0080 03200 230 B1000A 00000 00AAA
		16		80	400	16	1CAD I0080 04000 230 B1000A 00000 00AAA
		16		80	500	20	1CAD I0080 05000 230 B1000A 00000 00AAA
		16		80	650	26	1CAD I0080 06500 230 B1000A 00000 00AAA
		16		80	800	32	1CAD I0080 08000 230 B1000A 00000 00AAA
		16		80	1000	40	1CAD I0080 10000 230 B1000A 00000 00AAA
		16		100	320	9	1CAD I0100 03200 230 B1000A 00000 00AAA
		16		100	400	11	1CAD I0100 04000 230 B1000A 00000 00AAA
		16		100	500	14	1CAD I0100 05000 230 B1000A 00000 00AAA
		16		100	650	18	1CAD I0100 06500 230 B1000A 00000 00AAA
		16		100	800	23	1CAD I0100 08000 230 B1000A 00000 00AAA
		16		100	1000	28	1CAD I0100 10000 230 B1000A 00000 00AAA
		16		100	1250	35	1CAD I0100 12500 230 B1000A 00000 00AAA
		16		130	400	8	1CAD I0130 04000 230 B1000A 00000 00AAA
		16		130	500	10	1CAD I0130 05000 230 B1000A 00000 00AAA
		16		130	650	13	1CAD I0130 06500 230 B1000A 00000 00AAA
		16		130	800	16	1CAD I0130 08000 230 B1000A 00000 00AAA
		16		130	1000	20	1CAD I0130 10000 230 B1000A 00000 00AAA
		16		130	1250	25	1CAD I0130 12500 230 B1000A 00000 00AAA
A = 10 mm F = 30 mm ØC = 7,5 mm		16		160	500	8	1CAD I0160 05000 230 B1000A 00000 00AAA
		16		160	650	10	1CAD I0160 06500 230 B1000A 00000 00AAA
		16		160	800	12	1CAD I0160 08000 230 B1000A 00000 00AAA
		16		160	1000	15	1CAD I0160 10000 230 B1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		16		160	1250	19	1CAD I0160 12500 230 B1000A 00000 00AAA
		16		160	1600	24	1CAD I0160 16000 230 B1000A 00000 00AAA
		16		180	800	10	1CAD I0180 08000 230 B1000A 00000 00AAA
		16		180	1000	13	1CAD I0180 10000 230 B1000A 00000 00AAA
		16		180	1250	16	1CAD I0180 12500 230 B1000A 00000 00AAA
		16		180	1600	21	1CAD I0180 16000 230 B1000A 00000 00AAA
		16		200	500	6	1CAD I0200 05000 230 B1000A 00000 00AAA
		16		200	800	9	1CAD I0200 08000 230 B1000A 00000 00AAA
		16		200	1000	12	1CAD I0200 10000 230 B1000A 00000 00AAA
		16		200	1250	14	1CAD I0200 12500 230 B1000A 00000 00AAA
		16		200	1600	18	1CAD I0200 16000 230 B1000A 00000 00AAA
		16		200	2000	23	1CAD I0200 20000 230 C1000A 00000 00AAA
		16		250	500	4	1CAD I0250 05000 230 B1000A 00000 00AAA
		16		250	800	7	1CAD I0250 08000 230 B1000A 00000 00AAA
		16		250	1000	9	1CAD I0250 10000 230 B1000A 00000 00AAA
		16		250	1250	11	1CAD I0250 12500 230 B1000A 00000 00AAA
		16		250	1600	14	1CAD I0250 16000 230 B1000A 00000 00AAA
		16		250	2000	18	1CAD I0250 20000 230 C1000A 00000 00AAA
		16		300	800	6	1CAD I0300 08000 230 B1000A 00000 00AAA
		16		300	1000	7	1CAD I0300 10000 230 B1000A 00000 00AAA
		16		300	1250	9	1CAD I0300 12500 230 B1000A 00000 00AAA
		16		300	1600	12	1CAD I0300 16000 230 B1000A 00000 00AAA
		16		300	2000	14	1CAD I0300 20000 230 C1000A 00000 00AAA
		16		300	2500	18	1CAD I0300 25000 230 D1000A 00000 00AAA
		16		350	750	5	1CAD I0350 07500 230 B1000A 00000 00AAA
		16		350	1000	6	1CAD I0350 10000 230 B1000A 00000 00AAA
		16		350	1300	8	1CAD I0350 13000 230 B1000A 00000 00AAA
		16		350	1600	10	1CAD I0350 16000 230 B1000A 00000 00AAA
		16		350	2000	12	1CAD I0350 20000 230 C1000A 00000 00AAA
		16		350	2500	15	1CAD I0350 25000 230 D1000A 00000 00AAA
A = 10 mm F = 30 mm ØC = 7,5 mm		16		400	1000	5	1CAD I0400 10000 230 B1000A 00000 00AAA
		16		400	1400	7	1CAD I0400 14000 230 B1000A 00000 00AAA
		16		400	2000	11	1CAD I0400 20000 230 C1000A 00000 00AAA
		16		400	2500	13	1CAD I0400 25000 230 D1000A 00000 00AAA

90° Block

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

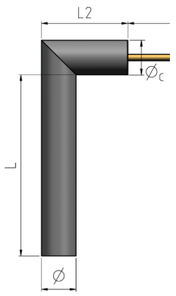
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		20		60	320	19	1CAD J0060 03200 230 C1000A 00000 00AAA
		20		60	500	29	1CAD J0060 05000 230 C1000A 00000 00AAA
		20		60	800	47	1CAD J0060 08000 230 C1000A 00000 00AAA
		20		80	320	11	1CAD J0080 03200 230 C1000A 00000 00AAA
		20		80	500	17	1CAD J0080 05000 230 C1000A 00000 00AAA
		20		80	800	27	1CAD J0080 08000 230 C1000A 00000 00AAA
		20		80	1000	33	1CAD J0080 10000 230 C1000A 00000 00AAA
		20		80	1250	42	1CAD J0080 12500 230 C1000A 00000 00AAA
		20		100	500	12	1CAD J0100 05000 230 C1000A 00000 00AAA
		20		100	800	19	1CAD J0100 08000 230 C1000A 00000 00AAA
		20		100	1000	23	1CAD J0100 10000 230 C1000A 00000 00AAA
		20		100	1250	29	1CAD J0100 12500 230 C1000A 00000 00AAA
		20		100	1600	37	1CAD J0100 16000 230 C1000A 00000 00AAA
		20		130	650	10	1CAD J0130 06500 230 C1000A 00000 00AAA
		20		130	1000	16	1CAD J0130 10000 230 C1000A 00000 00AAA
		20		130	1250	20	1CAD J0130 12500 230 C1000A 00000 00AAA
		20		130	1600	26	1CAD J0130 16000 230 C1000A 00000 00AAA
A = 10 mm F = 30 mm ØC = 7,5 mm		20		130	2000	32	1CAD J0130 20000 230 C1000A 00000 00AAA
		20		160	800	10	1CAD J0160 08000 230 C1000A 00000 00AAA
		20		160	1000	12	1CAD J0160 10000 230 C1000A 00000 00AAA

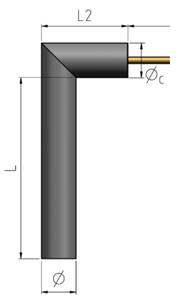
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		20		160	1250	15	1CAD J0160 12500 230 C1000A 00000 00AAA
		20		160	1600	20	1CAD J0160 16000 230 C1000A 00000 00AAA
		20		160	2000	25	1CAD J0160 20000 230 C1000A 00000 00AAA
		20		200	1000	9	1CAD J0200 10000 230 C1000A 00000 00AAA
		20		200	1600	15	1CAD J0200 16000 230 C1000A 00000 00AAA
		20		200	2000	19	1CAD J0200 20000 230 C1000A 00000 00AAA
		20		200	2500	23	1CAD J0200 25000 230 D1000A 00000 00AAA
		20		250	1000	7	1CAD J0250 10000 230 C1000A 00000 00AAA
		20		250	1250	9	1CAD J0250 12500 230 C1000A 00000 00AAA
		20		250	2000	14	1CAD J0250 20000 230 C1000A 00000 00AAA
		20		250	2500	18	1CAD J0250 25000 230 D1000A 00000 00AAA
		20		300	1600	9	1CAD J0300 16000 230 C1000A 00000 00AAA
		20		300	2200	13	1CAD J0300 22000 230 C1000A 00000 00AAA
		20		300	2500	15	1CAD J0300 25000 230 D1000A 00000 00AAA
		20		350	2000	10	1CAD J0350 20000 230 C1000A 00000 00AAA
		20		350	2500	12	1CAD J0350 25000 230 D1000A 00000 00AAA
		20		350	3000	15	1CAD J0350 30000 230 D1000A 00000 00AAA
A = 10 mm F = 30 mm ØC = 7,5 mm		20		400	1600	7	1CAD J0400 16000 230 C1000A 00000 00AAA
		20		400	2500	11	1CAD J0400 25000 230 D1000A 00000 00AAA
		20		400	3000	13	1CAD J0400 30000 230 D1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

2x45°

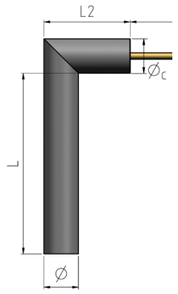
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

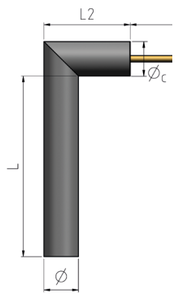
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
 L2 = 15 mm ØC = 1/4"/6,35 mm	1/4	6,35	1,25	32	100	37	1CAE A0032 01000 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	100	25	1CAE A0038 01000 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	150	37	1CAE A0038 01500 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	200	49	1CAE A0038 02000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	100	15	1CAE A0051 01000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	150	23	1CAE A0051 01500 230 A1000A 00000 00AAA
	1/4	6,35	2	51	200	30	1CAE A0051 02000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	250	38	1CAE A0051 02500 230 A1000A 00000 00AAA
	1/4	6,35	2	51	300	45	1CAE A0051 03000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	150	16	1CAE A0064 01500 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	200	22	1CAE A0064 02000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	250	27	1CAE A0064 02500 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	300	32	1CAE A0064 03000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	400	43	1CAE A0064 04000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	150	13	1CAE A0076 01500 230 A1000A 00000 00AAA
	1/4	6,35	3	76	200	17	1CAE A0076 02000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	250	21	1CAE A0076 02500 230 A1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
 L2 = 15 mm ØC = 1/4"/6,35 mm	1/4	6,35	3	76	300	25	1CAE A0076 03000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	400	34	1CAE A0076 04000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	200	14	1CAE A0089 02000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	300	21	1CAE A0089 03000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	400	28	1CAE A0089 04000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	450	31	1CAE A0089 04500 230 A1000A 00000 00AAA
	1/4	6,35	4	102	175	10	1CAE A0102 01750 230 A1000A 00000 00AAA
	1/4	6,35	4	102	250	15	1CAE A0102 02500 230 A1000A 00000 00AAA
	1/4	6,35	4	102	300	18	1CAE A0102 03000 230 A1000A 00000 00AAA
	1/4	6,35	4	102	350	21	1CAE A0102 03500 230 A1000A 00000 00AAA
	1/4	6,35	5	127	300	13	1CAE A0127 03000 230 A1000A 00000 00AAA
	1/4	6,35	5	127	350	16	1CAE A0127 03500 230 A1000A 00000 00AAA
	1/4	6,35	5	127	400	18	1CAE A0127 04000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	300	11	1CAE A0152 03000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	400	15	1CAE A0152 04000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	500	18	1CAE A0152 05000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	600	22	1CAE A0152 06000 230 A1000A 00000 00AAA

2x45°

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
 L2 = 15 mm ØC = 1/4"/6,35 mm		6,5		30	100	40	1CAE B0030 01000 230 A1000A 00000 00AAA
		6,5		40	100	22	1CAE B0040 01000 230 A1000A 00000 00AAA
		6,5		40	125	27	1CAE B0040 01250 230 A1000A 00000 00AAA
		6,5		40	160	35	1CAE B0040 01600 230 A1000A 00000 00AAA
		6,5		40	180	39	1CAE B0040 01800 230 A1000A 00000 00AAA
		6,5		40	200	44	1CAE B0040 02000 230 A1000A 00000 00AAA
		6,5		50	100	15	1CAE B0050 01000 230 A1000A 00000 00AAA
		6,5		50	125	19	1CAE B0050 01250 230 A1000A 00000 00AAA
		6,5		50	160	24	1CAE B0050 01600 230 A1000A 00000 00AAA
		6,5		50	200	30	1CAE B0050 02000 230 A1000A 00000 00AAA
		6,5		50	250	37	1CAE B0050 02500 230 A1000A 00000 00AAA
		6,5		60	125	14	1CAE B0060 01250 230 A1000A 00000 00AAA
		6,5		60	160	18	1CAE B0060 01600 230 A1000A 00000 00AAA
		6,5		60	180	21	1CAE B0060 01800 230 A1000A 00000 00AAA
		6,5		60	200	23	1CAE B0060 02000 230 A1000A 00000 00AAA
		6,5		60	250	28	1CAE B0060 02500 230 A1000A 00000 00AAA
		6,5		60	320	36	1CAE B0060 03200 230 A1000A 00000 00AAA
		6,5		80	125	10	1CAE B0080 01250 230 A1000A 00000 00AAA
		6,5		80	160	12	1CAE B0080 01600 230 A1000A 00000 00AAA
		6,5		80	180	14	1CAE B0080 01800 230 A1000A 00000 00AAA
		6,5		80	200	15	1CAE B0080 02000 230 A1000A 00000 00AAA
		6,5		80	250	19	1CAE B0080 02500 230 A1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
 L2 = 15 mm ØC = 1/4"/6,35 mm		6,5		80	320	25	1CAE B0080 03200 230 A1000A 00000 00AAA
		6,5		80	350	27	1CAE B0080 03500 230 A1000A 00000 00AAA
		6,5		100	125	7	1CAE B0100 01250 230 A1000A 00000 00AAA
		6,5		100	160	9	1CAE B0100 01600 230 A1000A 00000 00AAA
		6,5		100	200	12	1CAE B0100 02000 230 A1000A 00000 00AAA
		6,5		100	250	15	1CAE B0100 02500 230 A1000A 00000 00AAA
		6,5		100	320	19	1CAE B0100 03200 230 A1000A 00000 00AAA
		6,5		100	350	20	1CAE B0100 03500 230 A1000A 00000 00AAA
		6,5		100	400	23	1CAE B0100 04000 230 A1000A 00000 00AAA
		6,5		130	150	6	1CAE B0130 01500 230 A1000A 00000 00AAA
		6,5		130	200	9	1CAE B0130 02000 230 A1000A 00000 00AAA
		6,5		130	250	11	1CAE B0130 02500 230 A1000A 00000 00AAA
		6,5		130	300	13	1CAE B0130 03000 230 A1000A 00000 00AAA
		6,5		130	350	15	1CAE B0130 03500 230 A1000A 00000 00AAA
		6,5		130	400	17	1CAE B0130 04000 230 A1000A 00000 00AAA
		6,5		160	200	7	1CAE B0160 02000 230 A1000A 00000 00AAA
		6,5		160	250	8	1CAE B0160 02500 230 A1000A 00000 00AAA
		6,5		160	300	10	1CAE B0160 03000 230 A1000A 00000 00AAA
		6,5		160	350	12	1CAE B0160 03500 230 A1000A 00000 00AAA
		6,5		160	400	13	1CAE B0160 04000 230 A1000A 00000 00AAA
		6,5		160	450	15	1CAE B0160 04500 230 A1000A 00000 00AAA
		6,5		160	500	17	1CAE B0160 05000 230 A1000A 00000 00AAA

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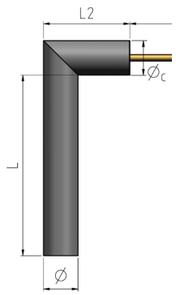
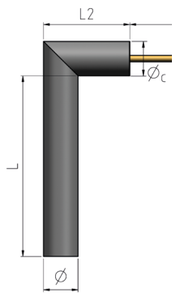
2x45°

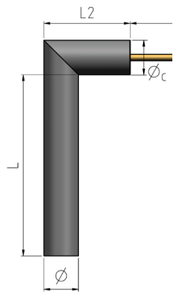
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

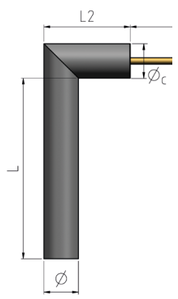
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		8		30	100	36	1CAE C0030 01000 230 A1000A 00000 00AAB
		8		30	125	45	1CAE C0030 01250 230 A1000A 00000 00AAB
		8		40	100	19	1CAE C0040 01000 230 A1000A 00000 00AAB
		8		40	125	23	1CAE C0040 01250 230 A1000A 00000 00AAB
		8		40	140	26	1CAE C0040 01400 230 A1000A 00000 00AAB
		8		40	160	30	1CAE C0040 01600 230 A1000A 00000 00AAB
		8		40	200	37	1CAE C0040 02000 230 A1000A 00000 00AAB
		8		40	250	46	1CAE C0040 02500 230 A1000A 00000 00AAB
		8		50	125	16	1CAE C0050 01250 230 A1000A 00000 00AAB
		8		50	160	20	1CAE C0050 01600 230 A1000A 00000 00AAB
		8		50	200	25	1CAE C0050 02000 230 A1000A 00000 00AAB
		8		50	250	31	1CAE C0050 02500 230 A1000A 00000 00AAB
		8		50	320	40	1CAE C0050 03200 230 A1000A 00000 00AAB
		8		60	125	12	1CAE C0060 01250 230 A1000A 00000 00AAB
		8		60	160	15	1CAE C0060 01600 230 A1000A 00000 00AAB
		8		60	200	19	1CAE C0060 02000 230 A1000A 00000 00AAB
		8		60	250	24	1CAE C0060 02500 230 A1000A 00000 00AAB
		8		60	280	27	1CAE C0060 02800 230 A1000A 00000 00AAB
		8		60	320	30	1CAE C0060 03200 230 A1000A 00000 00AAB
L2 = 15 mm ØC = 1/4"/6,35 mm		8		60	400	38	1CAE C0060 04000 230 A1000A 00000 00AAB
		8		80	160	10	1CAE C0080 01600 230 A1000A 00000 00AAB

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		8		80	200	13	1CAE C0080 02000 230 A1000A 00000 00AAB
		8		80	250	16	1CAE C0080 02500 230 A1000A 00000 00AAB
		8		80	280	18	1CAE C0080 02800 230 A1000A 00000 00AAB
		8		80	320	20	1CAE C0080 03200 230 A1000A 00000 00AAB
		8		80	400	25	1CAE C0080 04000 230 A1000A 00000 00AAB
		8		80	400	25	1CAE C0080 04000 230 A1000A 00000 00AAB
		8		100	160	8	1CAE C0100 01600 230 A1000A 00000 00AAB
		8		100	200	10	1CAE C0100 02000 230 A1000A 00000 00AAB
		8		100	250	12	1CAE C0100 02500 230 A1000A 00000 00AAB
		8		100	280	13	1CAE C0100 02800 230 A1000A 00000 00AAB
		8		100	320	15	1CAE C0100 03200 230 A1000A 00000 00AAB
		8		100	400	19	1CAE C0100 04000 230 A1000A 00000 00AAB
		8		130	200	7	1CAE C0130 02000 230 A1000A 00000 00AAB
		8		130	250	9	1CAE C0130 02500 230 A1000A 00000 00AAB
		8		130	320	11	1CAE C0130 03200 230 A1000A 00000 00AAB
		8		130	400	14	1CAE C0130 04000 230 A1000A 00000 00AAB
		8		160	250	7	1CAE C0160 02500 230 A1000A 00000 00AAB
		8		160	320	9	1CAE C0160 03200 230 A1000A 00000 00AAB
		8		160	450	12	1CAE C0160 04500 230 A1000A 00000 00AAB
L2 = 15 mm ØC = 1/4"/6,35 mm		8		160	500	14	1CAE C0160 05000 230 A1000A 00000 00AAB
		8		160	600	17	1CAE C0160 06000 230 A1000A 00000 00AAB

2x45°

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

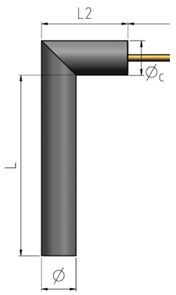
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	3/8	9,52	1,25	32	100	28	1CAE D0032 01000 230 A1000A 00000 00AAA
	3/8	9,52	1,25	32	125	35	1CAE D0032 01250 230 A1000A 00000 00AAA
	3/8	9,52	1,25	32	150	42	1CAE D0032 01500 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	100	18	1CAE D0038 01000 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	150	27	1CAE D0038 01500 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	200	36	1CAE D0038 02000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	100	11	1CAE D0051 01000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	150	16	1CAE D0051 01500 230 A1000A 00000 00AAA
	3/8	9,52	2	51	200	21	1CAE D0051 02000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	300	32	1CAE D0051 03000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	400	43	1CAE D0051 04000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	100	8	1CAE D0064 01000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	200	15	1CAE D0064 02000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	300	23	1CAE D0064 03000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	400	30	1CAE D0064 04000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	150	9	1CAE D0076 01500 230 A1000A 00000 00AAA
	3/8	9,52	3	76	200	12	1CAE D0076 02000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	300	17	1CAE D0076 03000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	400	23	1CAE D0076 04000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	500	29	1CAE D0076 05000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	600	35	1CAE D0076 06000 230 A1000A 00000 00AAA
	3/8	9,52	3,5	89	300	14	1CAE D0089 03000 230 A1000A 00000 00AAA
	3/8	9,52	3,5	89	400	19	1CAE D0089 04000 230 A1000A 00000 00AAA
L2 = 15 mm ØC = 1/4"/6,35 mm	3/8	9,52	3,5	89	500	24	1CAE D0089 05000 230 A1000A 00000 00AAA

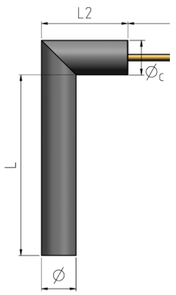
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	3/8	9,52	3,5	89	500	24	1CAE D0089 05000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	200	8	1CAE D0102 02000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	300	12	1CAE D0102 03000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	400	16	1CAE D0102 04000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	500	20	1CAE D0102 05000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	600	24	1CAE D0102 06000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	750	30	1CAE D0102 07500 230 A1000A 00000 00AAA
	3/8	9,52	5	127	400	12	1CAE D0127 04000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	500	15	1CAE D0127 05000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	800	24	1CAE D0127 08000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	1000	31	1CAE D0127 10000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	400	10	1CAE D0152 04000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	500	12	1CAE D0152 05000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	600	15	1CAE D0152 06000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	800	20	1CAE D0152 08000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	1000	25	1CAE D0152 10000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	500	10	1CAE D0178 05000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	600	12	1CAE D0178 06000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	800	17	1CAE D0178 08000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	1000	21	1CAE D0178 10000 230 A1000A 00000 00AAA
	3/8	9,52	8	203	600	11	1CAE D0203 06000 230 A1000A 00000 00AAA
	3/8	9,52	8	203	800	14	1CAE D0203 08000 230 A1000A 00000 00AAA
L2 = 15 mm ØC = 1/4"/6,35 mm	3/8	9,52	8	203	1000	18	1CAE D0203 10000 230 A1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

2x45°

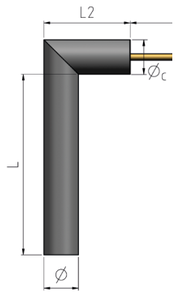
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

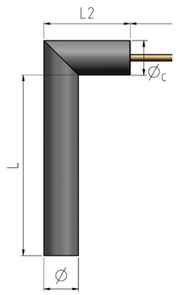
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		10		30	100	33	1CAE E0030 01000 230 A1000A 00000 00AAA
		10		30	125	42	1CAE E0030 01250 230 A1000A 00000 00AAA
		10		30	150	50	1CAE E0030 01500 230 A1000A 00000 00AAA
		10		40	100	16	1CAE E0040 01000 230 A1000A 00000 00AAA
		10		40	125	20	1CAE E0040 01250 230 A1000A 00000 00AAA
		10		40	160	26	1CAE E0040 01600 230 A1000A 00000 00AAA
		10		40	200	32	1CAE E0040 02000 230 A1000A 00000 00AAA
		10		40	250	40	1CAE E0040 02500 230 A1000A 00000 00AAA
		10		50	100	11	1CAE E0050 01000 230 A1000A 00000 00AAA
		10		50	125	13	1CAE E0050 01250 230 A1000A 00000 00AAA
		10		50	160	17	1CAE E0050 01600 230 A1000A 00000 00AAA
		10		50	200	21	1CAE E0050 02000 230 A1000A 00000 00AAA
		10		50	250	26	1CAE E0050 02500 230 A1000A 00000 00AAA
		10		50	320	34	1CAE E0050 03200 230 A1000A 00000 00AAA
		10		50	400	42	1CAE E0050 04000 230 A1000A 00000 00AAA
		10		60	160	13	1CAE E0060 01600 230 A1000A 00000 00AAA
		10		60	200	16	1CAE E0060 02000 230 A1000A 00000 00AAA
		10		60	250	20	1CAE E0060 02500 230 A1000A 00000 00AAA
		10		60	320	25	1CAE E0060 03200 230 A1000A 00000 00AAA
		10		60	400	32	1CAE E0060 04000 230 A1000A 00000 00AAA
		10		60	500	39	1CAE E0060 05000 230 A1000A 00000 00AAA
		10		80	160	8	1CAE E0080 01600 230 A1000A 00000 00AAA
		10		80	200	10	1CAE E0080 02000 230 A1000A 00000 00AAA
		10		80	250	13	1CAE E0080 02500 230 A1000A 00000 00AAA
		10		80	320	17	1CAE E0080 03200 230 A1000A 00000 00AAA
L2 = 15 mm ØC = 1/4"/6,35 mm		10		80	400	21	1CAE E0080 04000 230 A1000A 00000 00AAA
		10		80	500	26	1CAE E0080 05000 230 A1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		10		80	650	34	1CAE E0080 06500 230 A1000A 00000 00AAA
		10		100	150	6	1CAE E0100 01500 230 A1000A 00000 00AAA
		10		100	200	8	1CAE E0100 02000 230 A1000A 00000 00AAA
		10		100	250	10	1CAE E0100 02500 230 A1000A 00000 00AAA
		10		100	350	14	1CAE E0100 03500 230 A1000A 00000 00AAA
		10		100	400	16	1CAE E0100 04000 230 A1000A 00000 00AAA
		10		100	500	20	1CAE E0100 05000 230 A1000A 00000 00AAA
		10		100	650	25	1CAE E0100 06500 230 A1000A 00000 00AAA
		10		100	850	33	1CAE E0100 08500 230 A1000A 00000 00AAA
		10		130	250	7	1CAE E0130 02500 230 A1000A 00000 00AAA
		10		130	320	9	1CAE E0130 03200 230 A1000A 00000 00AAA
		10		130	400	11	1CAE E0130 04000 230 A1000A 00000 00AAA
		10		130	500	14	1CAE E0130 05000 230 A1000A 00000 00AAA
		10		130	650	18	1CAE E0130 06500 230 A1000A 00000 00AAA
		10		130	800	23	1CAE E0130 08000 230 A1000A 00000 00AAA
		10		160	400	9	1CAE E0160 04000 230 A1000A 00000 00AAA
		10		160	500	11	1CAE E0160 05000 230 A1000A 00000 00AAA
		10		160	650	14	1CAE E0160 06500 230 A1000A 00000 00AAA
		10		160	800	18	1CAE E0160 08000 230 A1000A 00000 00AAA
		10		200	400	7	1CAE E0200 04000 230 A1000A 00000 00AAA
		10		200	500	9	1CAE E0200 05000 230 A1000A 00000 00AAA
		10		200	650	11	1CAE E0200 06500 230 A1000A 00000 00AAA
		10		200	800	14	1CAE E0200 08000 230 A1000A 00000 00AAA
		10		200	1000	17	1CAE E0200 10000 230 A1000A 00000 00AAA
		10		250	500	7	1CAE E0250 05000 230 A1000A 00000 00AAA
		10		250	650	9	1CAE E0250 06500 230 A1000A 00000 00AAA
L2 = 15 mm ØC = 1/4"/6,35 mm		10		250	800	11	1CAE E0250 08000 230 A1000A 00000 00AAA
		10		250	1000	14	1CAE E0250 10000 230 A1000A 00000 00AAA

2x45°

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

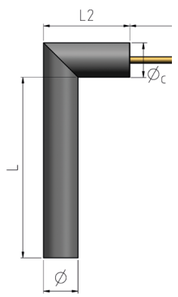
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		12,5		40	125	19	1CAE F0040 01250 230 B1000A 00000 00AAA
		12,5		40	160	24	1CAE F0040 01600 230 B1000A 00000 00AAA
		12,5		40	200	30	1CAE F0040 02000 230 B1000A 00000 00AAA
		12,5		40	250	38	1CAE F0040 02500 230 B1000A 00000 00AAA
		12,5		40	320	48	1CAE F0040 03200 230 B1000A 00000 00AAA
		12,5		50	160	15	1CAE F0050 01600 230 B1000A 00000 00AAA
		12,5		50	200	19	1CAE F0050 02000 230 B1000A 00000 00AAA
		12,5		50	250	24	1CAE F0050 02500 230 B1000A 00000 00AAA
		12,5		50	320	30	1CAE F0050 03200 230 B1000A 00000 00AAA
		12,5		50	400	38	1CAE F0050 04000 230 B1000A 00000 00AAA
		12,5		50	500	47	1CAE F0050 05000 230 B1000A 00000 00AAA
		12,5		60	160	11	1CAE F0060 01600 230 B1000A 00000 00AAA
		12,5		60	200	14	1CAE F0060 02000 230 B1000A 00000 00AAA
		12,5		60	250	17	1CAE F0060 02500 230 B1000A 00000 00AAA
		12,5		60	320	22	1CAE F0060 03200 230 B1000A 00000 00AAA
		12,5		60	400	27	1CAE F0060 04000 230 B1000A 00000 00AAA
		12,5		60	500	34	1CAE F0060 05000 230 B1000A 00000 00AAA
		12,5		60	600	41	1CAE F0060 06000 230 B1000A 00000 00AAA
		12,5		80	160	7	1CAE F0080 01600 230 B1000A 00000 00AAA
		12,5		80	200	9	1CAE F0080 02000 230 B1000A 00000 00AAA
		12,5		80	250	11	1CAE F0080 02500 230 B1000A 00000 00AAA
		12,5		80	320	14	1CAE F0080 03200 230 B1000A 00000 00AAA
		12,5		80	400	18	1CAE F0080 04000 230 B1000A 00000 00AAA
		12,5		80	500	22	1CAE F0080 05000 230 B1000A 00000 00AAA
		12,5		80	650	29	1CAE F0080 06500 230 B1000A 00000 00AAA
		12,5		80	800	35	1CAE F0080 08000 230 B1000A 00000 00AAA
		12,5		100	250	8	1CAE F0100 02500 230 B1000A 00000 00AAA
		12,5		100	320	10	1CAE F0100 03200 230 B1000A 00000 00AAA
		12,5		100	400	13	1CAE F0100 04000 230 B1000A 00000 00AAA
		12,5		100	500	16	1CAE F0100 05000 230 B1000A 00000 00AAA
		12,5		100	650	21	1CAE F0100 06500 230 B1000A 00000 00AAA
		12,5		100	800	26	1CAE F0100 08000 230 B1000A 00000 00AAA
		12,5		100	1000	33	1CAE F0100 10000 230 B1000A 00000 00AAA
L2 = 15 mm ØC = 1/4"/6,35 mm		12,5		130	250	6	1CAE F0130 02500 230 B1000A 00000 00AAA

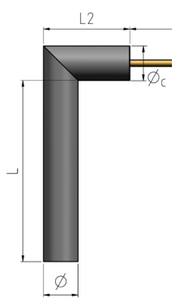
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		12,5		130	320	7	1CAE F0130 03200 230 B1000A 00000 00AAA
		12,5		130	400	9	1CAE F0130 04000 230 B1000A 00000 00AAA
		12,5		130	500	12	1CAE F0130 05000 230 B1000A 00000 00AAA
		12,5		130	650	15	1CAE F0130 06500 230 B1000A 00000 00AAA
		12,5		130	800	19	1CAE F0130 08000 230 B1000A 00000 00AAA
		12,5		130	1000	23	1CAE F0130 10000 230 B1000A 00000 00AAA
		12,5		130	1250	29	1CAE F0130 12500 230 B1000A 00000 00AAA
		12,5		160	500	9	1CAE F0160 05000 230 B1000A 00000 00AAA
		12,5		160	650	12	1CAE F0160 06500 230 B1000A 00000 00AAA
		12,5		160	800	15	1CAE F0160 08000 230 B1000A 00000 00AAA
		12,5		160	1000	18	1CAE F0160 10000 230 B1000A 00000 00AAA
		12,5		160	1300	24	1CAE F0160 13000 230 B1000A 00000 00AAA
		12,5		180	600	10	1CAE F0180 06000 230 B1000A 00000 00AAA
		12,5		180	750	12	1CAE F0180 07500 230 B1000A 00000 00AAA
		12,5		180	1000	16	1CAE F0180 10000 230 B1000A 00000 00AAA
		12,5		180	1300	21	1CAE F0180 13000 230 B1000A 00000 00AAA
		12,5		200	650	9	1CAE F0200 06500 230 B1000A 00000 00AAA
		12,5		200	800	11	1CAE F0200 08000 230 B1000A 00000 00AAA
		12,5		200	1000	14	1CAE F0200 10000 230 B1000A 00000 00AAA
		12,5		200	1250	18	1CAE F0200 12500 230 B1000A 00000 00AAA
		12,5		200	1500	21	1CAE F0200 15000 230 B1000A 00000 00AAA
		12,5		250	800	9	1CAE F0250 08000 230 B1000A 00000 00AAA
		12,5		250	1000	11	1CAE F0250 10000 230 B1000A 00000 00AAA
		12,5		250	1250	14	1CAE F0250 12500 230 B1000A 00000 00AAA
		12,5		250	1500	16	1CAE F0250 15000 230 B1000A 00000 00AAA
		12,5		250	2000	22	1CAE F0250 20000 230 C1000A 00000 00AAA
		12,5		250	2500	27	1CAE F0250 25000 230 D1000A 00000 00AAA
		12,5		300	600	5	1CAE F0300 06000 230 B1000A 00000 00AAA
		12,5		300	800	7	1CAE F0300 08000 230 B1000A 00000 00AAA
		12,5		300	1000	9	1CAE F0300 10000 230 B1000A 00000 00AAA
		12,5		300	1300	12	1CAE F0300 13000 230 B1000A 00000 00AAA
		12,5		300	1600	14	1CAE F0300 16000 230 B1000A 00000 00AAA
L2 = 15 mm ØC = 1/4"/6,35 mm		12,5		300	2000	18	1CAE F0300 20000 230 C1000A 00000 00AAA
		12,5		300	2500	22	1CAE F0300 25000 230 D1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

2x45°

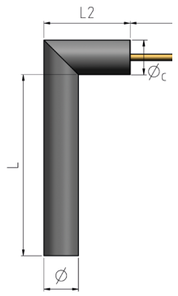
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

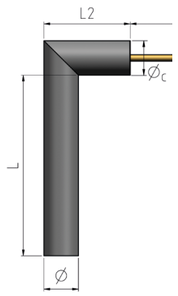
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/2	12,7	1,25	32	100	29	1CAE G0032 01000 230 B1000A 00000 00AAA
	1/2	12,7	1,25	32	125	37	1CAE G0032 01250 230 B1000A 00000 00AAA
	1/2	12,7	1,25	32	150	44	1CAE G0032 01500 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	175	29	1CAE G0038 01750 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	200	33	1CAE G0038 02000 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	250	41	1CAE G0038 02500 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	300	50	1CAE G0038 03000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	200	18	1CAE G0051 02000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	250	22	1CAE G0051 02500 230 B1000A 00000 00AAA
	1/2	12,7	2	51	300	27	1CAE G0051 03000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	400	36	1CAE G0051 04000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	500	45	1CAE G0051 05000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	250	15	1CAE G0064 02500 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	300	18	1CAE G0064 03000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	400	24	1CAE G0064 04000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	500	30	1CAE G0064 05000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	250	12	1CAE G0076 02500 230 B1000A 00000 00AAA
	1/2	12,7	3	76	300	14	1CAE G0076 03000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	400	18	1CAE G0076 04000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	500	23	1CAE G0076 05000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	600	28	1CAE G0076 06000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	750	35	1CAE G0076 07500 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	300	11	1CAE G0089 03000 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	350	13	1CAE G0089 03500 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	500	19	1CAE G0089 05000 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	750	28	1CAE G0089 07500 230 B1000A 00000 00AAA
	1/2	12,7	4	102	350	11	1CAE G0102 03500 230 B1000A 00000 00AAA
	1/2	12,7	4	102	400	12	1CAE G0102 04000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	500	16	1CAE G0102 05000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	600	19	1CAE G0102 06000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	800	25	1CAE G0102 08000 230 B1000A 00000 00AAA
L2 = 15 mm ØC = 1/4"/6,35 mm	1/2	12,7	4	102	1000	31	1CAE G0102 10000 230 B1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/2	12,7	5	127	350	8	1CAE G0127 03500 230 B1000A 00000 00AAA
	1/2	12,7	5	127	400	9	1CAE G0127 04000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	500	12	1CAE G0127 05000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	600	14	1CAE G0127 06000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	750	18	1CAE G0127 07500 230 B1000A 00000 00AAA
	1/2	12,7	5	127	1000	24	1CAE G0127 10000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	400	8	1CAE G0152 04000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	500	9	1CAE G0152 05000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	600	11	1CAE G0152 06000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	750	14	1CAE G0152 07500 230 B1000A 00000 00AAA
	1/2	12,7	6	152	1000	19	1CAE G0152 10000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	500	8	1CAE G0178 05000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	800	13	1CAE G0178 08000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	1000	16	1CAE G0178 10000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	1500	24	1CAE G0178 15000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	600	8	1CAE G0203 06000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	800	11	1CAE G0203 08000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	1000	14	1CAE G0203 10000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	1500	20	1CAE G0203 15000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	2000	27	1CAE G0203 20000 230 C1000A 00000 00AAA
	1/2	12,7	9	229	1000	12	1CAE G0229 10000 230 B1000A 00000 00AAA
	1/2	12,7	9	229	1500	18	1CAE G0229 15000 230 B1000A 00000 00AAA
	1/2	12,7	9	229	2000	24	1CAE G0229 20000 230 C1000A 00000 00AAA
	1/2	12,7	10	254	800	8	1CAE G0254 08000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	1000	11	1CAE G0254 10000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	1500	16	1CAE G0254 15000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	2000	21	1CAE G0254 20000 230 C1000A 00000 00AAA
	1/2	12,7	12	305	750	7	1CAE G0305 07500 230 B1000A 00000 00AAA
	1/2	12,7	12	305	1000	9	1CAE G0305 10000 230 B1000A 00000 00AAA
	1/2	12,7	12	305	1500	13	1CAE G0305 15000 230 B1000A 00000 00AAA
L2 = 15 mm ØC = 1/4"/6,35 mm	1/2	12,7	12	305	2000	17	1CAE G0305 20000 230 C1000A 00000 00AAA

2x45°

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

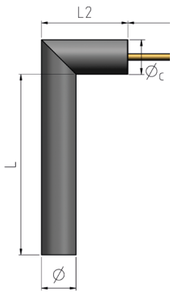
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	5/8	15,9	2	51	200	21	1CAE H0051 02000 230 B1000A 00000 00AAA
	5/8	15,9	2	51	300	31	1CAE H0051 03000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	250	15	1CAE H0064 02500 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	300	18	1CAE H0064 03000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	400	25	1CAE H0064 04000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	500	31	1CAE H0064 05000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	750	46	1CAE H0064 07500 230 B1000A 00000 00AAA
	5/8	15,9	3	76	300	13	1CAE H0076 03000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	400	18	1CAE H0076 04000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	500	22	1CAE H0076 05000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	750	33	1CAE H0076 07500 230 B1000A 00000 00AAA
	5/8	15,9	3	76	1000	44	1CAE H0076 10000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	400	11	1CAE H0102 04000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	500	14	1CAE H0102 05000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	600	17	1CAE H0102 06000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	750	21	1CAE H0102 07500 230 B1000A 00000 00AAA
	5/8	15,9	4	102	1000	28	1CAE H0102 10000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	1250	35	1CAE H0102 12500 230 B1000A 00000 00AAA
	5/8	15,9	5	127	600	12	1CAE H0127 06000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	800	16	1CAE H0127 08000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	1000	21	1CAE H0127 10000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	1300	27	1CAE H0127 13000 230 B1000A 00000 00AAA
L2 = 15 mm ØC = 1/4"/6,35 mm	5/8	15,9	6	152	600	10	1CAE H0152 06000 230 B1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	5/8	15,9	6	152	800	13	1CAE H0152 08000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1000	16	1CAE H0152 10000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1250	20	1CAE H0152 12500 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1500	24	1CAE H0152 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1000	13	1CAE H0178 10000 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1250	17	1CAE H0178 12500 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1500	20	1CAE H0178 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	800	9	1CAE H0203 08000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1000	11	1CAE H0203 10000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1250	14	1CAE H0203 12500 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1500	17	1CAE H0203 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1750	20	1CAE H0203 17500 230 C1000A 00000 00AAA
	5/8	15,9	7	203	2000	23	1CAE H0203 20000 230 C1000A 00000 00AAA
	5/8	15,9	10	254	750	7	1CAE H0254 07500 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1000	9	1CAE H0254 10000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1300	11	1CAE H0254 13000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1600	14	1CAE H0254 16000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	2000	18	1CAE H0254 20000 230 C1000A 00000 00AAA
	5/8	15,9	12	305	750	5	1CAE H0305 07500 230 B1000A 00000 00AAA
	5/8	15,9	12	305	1000	7	1CAE H0305 10000 230 B1000A 00000 00AAA
	5/8	15,9	12	305	1600	11	1CAE H0305 16000 230 B1000A 00000 00AAA
	5/8	15,9	12	305	2000	14	1CAE H0305 20000 230 C1000A 00000 00AAA
L2 = 15 mm ØC = 1/4"/6,35 mm	5/8	15,9	12	305	2500	18	1CAE H0305 25000 230 D1000A 00000 00AAA

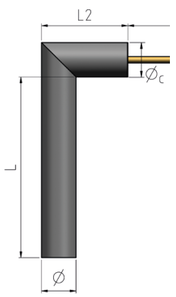
Zoppas Industries
Heating Element Technologies

2x45°

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		16		40	200	46	1CAE I0040 02000 230 B1000A 00000 00AAA
		16		50	200	21	1CAE I0050 02000 230 B1000A 00000 00AAA
		16		50	250	26	1CAE I0050 02500 230 B1000A 00000 00AAA
		16		50	320	34	1CAE I0050 03200 230 B1000A 00000 00AAA
		16		50	400	42	1CAE I0050 04000 230 B1000A 00000 00AAA
		16		60	200	14	1CAE I0060 02000 230 B1000A 00000 00AAA
		16		60	250	17	1CAE I0060 02500 230 B1000A 00000 00AAA
		16		60	320	22	1CAE I0060 03200 230 B1000A 00000 00AAA
		16		60	400	27	1CAE I0060 04000 230 B1000A 00000 00AAA
		16		60	500	34	1CAE I0060 05000 230 B1000A 00000 00AAA
		16		60	650	44	1CAE I0060 06500 230 B1000A 00000 00AAA
		16		80	250	10	1CAE I0080 02500 230 B1000A 00000 00AAA
		16		80	320	13	1CAE I0080 03200 230 B1000A 00000 00AAA
		16		80	400	16	1CAE I0080 04000 230 B1000A 00000 00AAA
		16		80	500	20	1CAE I0080 05000 230 B1000A 00000 00AAA
		16		80	650	26	1CAE I0080 06500 230 B1000A 00000 00AAA
		16		80	800	32	1CAE I0080 08000 230 B1000A 00000 00AAA
		16		80	1000	40	1CAE I0080 10000 230 B1000A 00000 00AAA
		16		100	320	9	1CAE I0100 03200 230 B1000A 00000 00AAA
		16		100	400	11	1CAE I0100 04000 230 B1000A 00000 00AAA
		16		100	500	14	1CAE I0100 05000 230 B1000A 00000 00AAA
		16		100	650	18	1CAE I0100 06500 230 B1000A 00000 00AAA
		16		100	800	23	1CAE I0100 08000 230 B1000A 00000 00AAA
		16		100	1000	28	1CAE I0100 10000 230 B1000A 00000 00AAA
		16		100	1250	35	1CAE I0100 12500 230 B1000A 00000 00AAA
		16		130	400	8	1CAE I0130 04000 230 B1000A 00000 00AAA
		16		130	500	10	1CAE I0130 05000 230 B1000A 00000 00AAA
		16		130	650	13	1CAE I0130 06500 230 B1000A 00000 00AAA
		16		130	800	16	1CAE I0130 08000 230 B1000A 00000 00AAA
		16		130	1000	20	1CAE I0130 10000 230 B1000A 00000 00AAA
		16		130	1250	25	1CAE I0130 12500 230 B1000A 00000 00AAA
		16		160	500	8	1CAE I0160 05000 230 B1000A 00000 00AAA
		16		160	650	10	1CAE I0160 06500 230 B1000A 00000 00AAA
		16		160	800	12	1CAE I0160 08000 230 B1000A 00000 00AAA
		16		160	1000	15	1CAE I0160 10000 230 B1000A 00000 00AAA

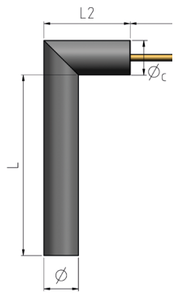
L2 = 15 mm
ØC = 1/4"/6,35 mm

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		16		160	1250	19	1CAE I0160 12500 230 B1000A 00000 00AAA
		16		160	1600	24	1CAE I0160 16000 230 B1000A 00000 00AAA
		16		180	800	10	1CAE I0180 08000 230 B1000A 00000 00AAA
		16		180	1000	13	1CAE I0180 10000 230 B1000A 00000 00AAA
		16		180	1250	16	1CAE I0180 12500 230 B1000A 00000 00AAA
		16		180	1600	21	1CAE I0180 16000 230 B1000A 00000 00AAA
		16		200	500	6	1CAE I0200 05000 230 B1000A 00000 00AAA
		16		200	800	9	1CAE I0200 08000 230 B1000A 00000 00AAA
		16		200	1000	12	1CAE I0200 10000 230 B1000A 00000 00AAA
		16		200	1250	14	1CAE I0200 12500 230 B1000A 00000 00AAA
		16		200	1600	18	1CAE I0200 16000 230 B1000A 00000 00AAA
		16		200	2000	23	1CAE I0200 20000 230 C1000A 00000 00AAA
		16		250	500	4	1CAE I0250 05000 230 B1000A 00000 00AAA
		16		250	800	7	1CAE I0250 08000 230 B1000A 00000 00AAA
		16		250	1000	9	1CAE I0250 10000 230 B1000A 00000 00AAA
		16		250	1250	11	1CAE I0250 12500 230 B1000A 00000 00AAA
		16		250	1600	14	1CAE I0250 16000 230 B1000A 00000 00AAA
		16		250	2000	18	1CAE I0250 20000 230 C1000A 00000 00AAA
		16		300	800	6	1CAE I0300 08000 230 B1000A 00000 00AAA
		16		300	1000	7	1CAE I0300 10000 230 B1000A 00000 00AAA
		16		300	1250	9	1CAE I0300 12500 230 B1000A 00000 00AAA
		16		300	1600	12	1CAE I0300 16000 230 B1000A 00000 00AAA
		16		300	2000	14	1CAE I0300 20000 230 C1000A 00000 00AAA
		16		300	2500	18	1CAE I0300 25000 230 D1000A 00000 00AAA
		16		350	750	5	1CAE I0350 07500 230 B1000A 00000 00AAA
		16		350	1000	6	1CAE I0350 10000 230 B1000A 00000 00AAA
		16		350	1300	8	1CAE I0350 13000 230 B1000A 00000 00AAA
		16		350	1600	10	1CAE I0350 16000 230 B1000A 00000 00AAA
		16		350	2000	12	1CAE I0350 20000 230 C1000A 00000 00AAA
		16		350	2500	15	1CAE I0350 25000 230 D1000A 00000 00AAA
		16		400	1000	5	1CAE I0400 10000 230 B1000A 00000 00AAA
		16		400	1400	7	1CAE I0400 14000 230 B1000A 00000 00AAA
		16		400	2000	11	1CAE I0400 20000 230 C1000A 00000 00AAA
		16		400	2500	13	1CAE I0400 25000 230 D1000A 00000 00AAA

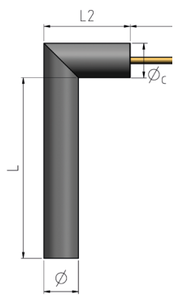
L2 = 15 mm
ØC = 1/4"/6,35 mm

2x45°

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		20		60	320	19	1CAE J0060 03200 230 C1000A 00000 00AAA
		20		60	500	29	1CAE J0060 05000 230 C1000A 00000 00AAA
		20		60	800	47	1CAE J0060 08000 230 C1000A 00000 00AAA
		20		80	320	11	1CAE J0080 03200 230 C1000A 00000 00AAA
		20		80	500	17	1CAE J0080 05000 230 C1000A 00000 00AAA
		20		80	800	27	1CAE J0080 08000 230 C1000A 00000 00AAA
		20		80	1000	33	1CAE J0080 10000 230 C1000A 00000 00AAA
		20		80	1250	42	1CAE J0080 12500 230 C1000A 00000 00AAA
		20		100	500	12	1CAE J0100 05000 230 C1000A 00000 00AAA
		20		100	800	19	1CAE J0100 08000 230 C1000A 00000 00AAA
		20		100	1000	23	1CAE J0100 10000 230 C1000A 00000 00AAA
		20		100	1250	29	1CAE J0100 12500 230 C1000A 00000 00AAA
		20		100	1600	37	1CAE J0100 16000 230 C1000A 00000 00AAA
		20		130	650	10	1CAE J0130 06500 230 C1000A 00000 00AAA
		20		130	1000	16	1CAE J0130 10000 230 C1000A 00000 00AAA
		20		130	1250	20	1CAE J0130 12500 230 C1000A 00000 00AAA
		20		130	1600	26	1CAE J0130 16000 230 C1000A 00000 00AAA
		20		130	2000	32	1CAE J0130 20000 230 C1000A 00000 00AAA
		20		160	800	10	1CAE J0160 08000 230 C1000A 00000 00AAA
		20		160	1000	12	1CAE J0160 10000 230 C1000A 00000 00AAA

L2 = 15 mm
ØC = 1/4"/6,35 mm

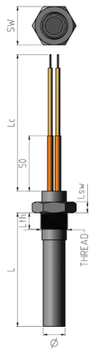
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		20		160	1250	15	1CAE J0160 12500 230 C1000A 00000 00AAA
		20		160	1600	20	1CAE J0160 16000 230 C1000A 00000 00AAA
		20		160	2000	25	1CAE J0160 20000 230 C1000A 00000 00AAA
		20		200	1000	9	1CAE J0200 10000 230 C1000A 00000 00AAA
		20		200	1600	15	1CAE J0200 16000 230 C1000A 00000 00AAA
		20		200	2000	19	1CAE J0200 20000 230 C1000A 00000 00AAA
		20		200	2500	23	1CAE J0200 25000 230 D1000A 00000 00AAA
		20		250	1000	7	1CAE J0250 10000 230 C1000A 00000 00AAA
		20		250	1250	9	1CAE J0250 12500 230 C1000A 00000 00AAA
		20		250	2000	14	1CAE J0250 20000 230 C1000A 00000 00AAA
		20		250	2500	18	1CAE J0250 25000 230 D1000A 00000 00AAA
		20		300	1600	9	1CAE J0300 16000 230 C1000A 00000 00AAA
		20		300	2200	13	1CAE J0300 22000 230 C1000A 00000 00AAA
		20		300	2500	15	1CAE J0300 25000 230 D1000A 00000 00AAA
		20		350	2000	10	1CAE J0350 20000 230 C1000A 00000 00AAA
		20		350	2500	12	1CAE J0350 25000 230 D1000A 00000 00AAA
		20		350	3000	15	1CAE J0350 30000 230 D1000A 00000 00AAA
		20		400	1600	7	1CAE J0400 16000 230 C1000A 00000 00AAA
		20		400	2500	11	1CAE J0400 25000 230 D1000A 00000 00AAA
		20		400	3000	13	1CAE J0400 30000 230 D1000A 00000 00AAA

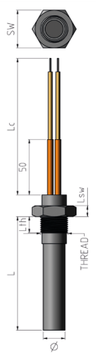
L2 = 15 mm
ØC = 1/4"/6,35 mm

Zoppas Industries
Heating Element Technologies

Nipple

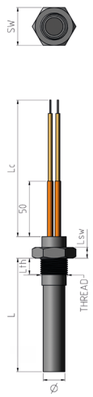
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

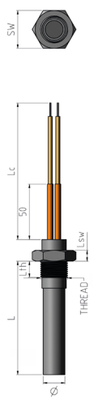
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/4	6,35	1,25	32	100	37	1CAE A0032 01000 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	100	25	1CAE A0038 01000 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	150	37	1CAE A0038 01500 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	200	49	1CAE A0038 02000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	100	15	1CAE A0051 01000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	150	23	1CAE A0051 01500 230 A1000A 00000 00AAA
	1/4	6,35	2	51	200	30	1CAE A0051 02000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	250	38	1CAE A0051 02500 230 A1000A 00000 00AAA
	1/4	6,35	2	51	300	45	1CAE A0051 03000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	150	16	1CAE A0064 01500 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	200	22	1CAE A0064 02000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	250	27	1CAE A0064 02500 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	300	32	1CAE A0064 03000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	400	43	1CAE A0064 04000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	150	13	1CAE A0076 01500 230 A1000A 00000 00AAA
Lth = 6 mm-Lsw = 4 mm	1/4	6,35	3	76	200	17	1CAE A0076 02000 230 A1000A 00000 00AAA
SW = 12 mm	1/4	6,35	3	76	250	21	1CAE A0076 02500 230 A1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/4	6,35	3	76	300	25	1CAE A0076 03000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	400	34	1CAE A0076 04000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	200	14	1CAE A0089 02000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	300	21	1CAE A0089 03000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	400	28	1CAE A0089 04000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	450	31	1CAE A0089 04500 230 A1000A 00000 00AAA
	1/4	6,35	4	102	175	10	1CAE A0102 01750 230 A1000A 00000 00AAA
	1/4	6,35	4	102	250	15	1CAE A0102 02500 230 A1000A 00000 00AAA
	1/4	6,35	4	102	300	18	1CAE A0102 03000 230 A1000A 00000 00AAA
	1/4	6,35	4	102	350	21	1CAE A0102 03500 230 A1000A 00000 00AAA
	1/4	6,35	5	127	300	13	1CAE A0127 03000 230 A1000A 00000 00AAA
	1/4	6,35	5	127	350	16	1CAE A0127 03500 230 A1000A 00000 00AAA
	1/4	6,35	5	127	400	18	1CAE A0127 04000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	300	11	1CAE A0152 03000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	400	15	1CAE A0152 04000 230 A1000A 00000 00AAA
Lth = 6 mm-Lsw = 4 mm	1/4	6,35	6	152	500	18	1CAE A0152 05000 230 A1000A 00000 00AAA
SW = 12 mm	1/4	6,35	6	152	600	22	1CAE A0152 06000 230 A1000A 00000 00AAA

Nipple

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

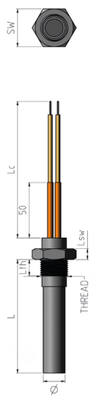
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		6,5		30	100	40	1CAE B0030 01000 230 A1000A 00000 00AAA
		6,5		40	100	22	1CAE B0040 01000 230 A1000A 00000 00AAA
		6,5		40	125	27	1CAE B0040 01250 230 A1000A 00000 00AAA
		6,5		40	160	35	1CAE B0040 01600 230 A1000A 00000 00AAA
		6,5		40	180	39	1CAE B0040 01800 230 A1000A 00000 00AAA
		6,5		40	200	44	1CAE B0040 02000 230 A1000A 00000 00AAA
		6,5		50	100	15	1CAE B0050 01000 230 A1000A 00000 00AAA
		6,5		50	125	19	1CAE B0050 01250 230 A1000A 00000 00AAA
		6,5		50	160	24	1CAE B0050 01600 230 A1000A 00000 00AAA
		6,5		50	200	30	1CAE B0050 02000 230 A1000A 00000 00AAA
		6,5		50	250	37	1CAE B0050 02500 230 A1000A 00000 00AAA
		6,5		60	125	14	1CAE B0060 01250 230 A1000A 00000 00AAA
		6,5		60	160	18	1CAE B0060 01600 230 A1000A 00000 00AAA
		6,5		60	180	21	1CAE B0060 01800 230 A1000A 00000 00AAA
		6,5		60	200	23	1CAE B0060 02000 230 A1000A 00000 00AAA
		6,5		60	250	28	1CAE B0060 02500 230 A1000A 00000 00AAA
		6,5		60	320	36	1CAE B0060 03200 230 A1000A 00000 00AAA
		6,5		80	125	10	1CAE B0080 01250 230 A1000A 00000 00AAA
		6,5		80	160	12	1CAE B0080 01600 230 A1000A 00000 00AAA
Lth = 6 mm		6,5		80	180	14	1CAE B0080 01800 230 A1000A 00000 00AAA
Lsw = 4 mm		6,5		80	200	15	1CAE B0080 02000 230 A1000A 00000 00AAA
SW = 12 mm		6,5		80	250	19	1CAE B0080 02500 230 A1000A 00000 00AAA

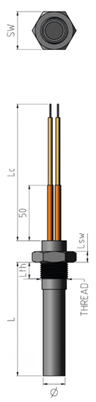
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		6,5		80	320	25	1CAE B0080 03200 230 A1000A 00000 00AAA
		6,5		80	350	27	1CAE B0080 03500 230 A1000A 00000 00AAA
		6,5		100	125	7	1CAE B0100 01250 230 A1000A 00000 00AAA
		6,5		100	160	9	1CAE B0100 01600 230 A1000A 00000 00AAA
		6,5		100	200	12	1CAE B0100 02000 230 A1000A 00000 00AAA
		6,5		100	250	15	1CAE B0100 02500 230 A1000A 00000 00AAA
		6,5		100	320	19	1CAE B0100 03200 230 A1000A 00000 00AAA
		6,5		100	350	20	1CAE B0100 03500 230 A1000A 00000 00AAA
		6,5		100	400	23	1CAE B0100 04000 230 A1000A 00000 00AAA
		6,5		130	150	6	1CAE B0130 01500 230 A1000A 00000 00AAA
		6,5		130	200	9	1CAE B0130 02000 230 A1000A 00000 00AAA
		6,5		130	250	11	1CAE B0130 02500 230 A1000A 00000 00AAA
		6,5		130	300	13	1CAE B0130 03000 230 A1000A 00000 00AAA
		6,5		130	350	15	1CAE B0130 03500 230 A1000A 00000 00AAA
		6,5		130	400	17	1CAE B0130 04000 230 A1000A 00000 00AAA
		6,5		160	200	7	1CAE B0160 02000 230 A1000A 00000 00AAA
		6,5		160	250	8	1CAE B0160 02500 230 A1000A 00000 00AAA
		6,5		160	300	10	1CAE B0160 03000 230 A1000A 00000 00AAA
		6,5		160	350	12	1CAE B0160 03500 230 A1000A 00000 00AAA
Lth = 6 mm		6,5		160	400	13	1CAE B0160 04000 230 A1000A 00000 00AAA
Lsw = 4 mm		6,5		160	450	15	1CAE B0160 04500 230 A1000A 00000 00AAA
SW = 12 mm		6,5		160	500	17	1CAE B0160 05000 230 A1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

Nipple

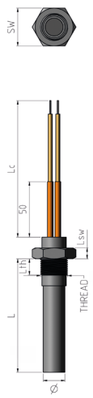
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

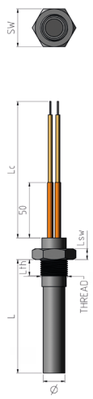
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		8		30	100	36	1CAE C0030 01000 230 A1000A 00000 00AAB
		8		30	125	45	1CAE C0030 01250 230 A1000A 00000 00AAB
		8		40	100	19	1CAE C0040 01000 230 A1000A 00000 00AAB
		8		40	125	23	1CAE C0040 01250 230 A1000A 00000 00AAB
		8		40	140	26	1CAE C0040 01400 230 A1000A 00000 00AAB
		8		40	160	30	1CAE C0040 01600 230 A1000A 00000 00AAB
		8		40	200	37	1CAE C0040 02000 230 A1000A 00000 00AAB
		8		40	250	46	1CAE C0040 02500 230 A1000A 00000 00AAB
		8		50	125	16	1CAE C0050 01250 230 A1000A 00000 00AAB
		8		50	160	20	1CAE C0050 01600 230 A1000A 00000 00AAB
		8		50	200	25	1CAE C0050 02000 230 A1000A 00000 00AAB
		8		50	250	31	1CAE C0050 02500 230 A1000A 00000 00AAB
		8		50	320	40	1CAE C0050 03200 230 A1000A 00000 00AAB
		8		60	125	12	1CAE C0060 01250 230 A1000A 00000 00AAB
		8		60	160	15	1CAE C0060 01600 230 A1000A 00000 00AAB
		8		60	200	19	1CAE C0060 02000 230 A1000A 00000 00AAB
		8		60	250	24	1CAE C0060 02500 230 A1000A 00000 00AAB
		8		60	280	27	1CAE C0060 02800 230 A1000A 00000 00AAB
Lth = 6 mm		8		60	320	30	1CAE C0060 03200 230 A1000A 00000 00AAB
Lsw = 4 mm		8		60	400	38	1CAE C0060 04000 230 A1000A 00000 00AAB
SW = 12 mm		8		80	160	10	1CAE C0080 01600 230 A1000A 00000 00AAB

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		8		80	200	13	1CAE C0080 02000 230 A1000A 00000 00AAB
		8		80	250	16	1CAE C0080 02500 230 A1000A 00000 00AAB
		8		80	280	18	1CAE C0080 02800 230 A1000A 00000 00AAB
		8		80	320	20	1CAE C0080 03200 230 A1000A 00000 00AAB
		8		80	400	25	1CAE C0080 04000 230 A1000A 00000 00AAB
		8		80	400	25	1CAE C0080 04000 230 A1000A 00000 00AAB
		8		100	160	8	1CAE C0100 01600 230 A1000A 00000 00AAB
		8		100	200	10	1CAE C0100 02000 230 A1000A 00000 00AAB
		8		100	250	12	1CAE C0100 02500 230 A1000A 00000 00AAB
		8		100	280	13	1CAE C0100 02800 230 A1000A 00000 00AAB
		8		100	320	15	1CAE C0100 03200 230 A1000A 00000 00AAB
		8		100	400	19	1CAE C0100 04000 230 A1000A 00000 00AAB
		8		130	200	7	1CAE C0130 02000 230 A1000A 00000 00AAB
		8		130	250	9	1CAE C0130 02500 230 A1000A 00000 00AAB
		8		130	320	11	1CAE C0130 03200 230 A1000A 00000 00AAB
		8		130	400	14	1CAE C0130 04000 230 A1000A 00000 00AAB
		8		160	250	7	1CAE C0160 02500 230 A1000A 00000 00AAB
		8		160	320	9	1CAE C0160 03200 230 A1000A 00000 00AAB
Lth = 6 mm		8		160	450	12	1CAE C0160 04500 230 A1000A 00000 00AAB
Lsw = 4 mm		8		160	500	14	1CAE C0160 05000 230 A1000A 00000 00AAB
SW = 12 mm		8		160	600	17	1CAE C0160 06000 230 A1000A 00000 00AAB

Nipple

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

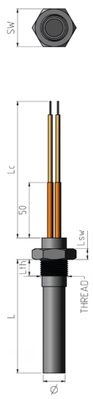
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	3/8	9,52	1,25	32	100	28	1CAE D0032 01000 230 A1000A 00000 00AAA
	3/8	9,52	1,25	32	125	35	1CAE D0032 01250 230 A1000A 00000 00AAA
	3/8	9,52	1,25	32	150	42	1CAE D0032 01500 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	100	18	1CAE D0038 01000 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	150	27	1CAE D0038 01500 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	200	36	1CAE D0038 02000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	100	11	1CAE D0051 01000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	150	16	1CAE D0051 01500 230 A1000A 00000 00AAA
	3/8	9,52	2	51	200	21	1CAE D0051 02000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	300	32	1CAE D0051 03000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	400	43	1CAE D0051 04000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	100	8	1CAE D0064 01000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	200	15	1CAE D0064 02000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	300	23	1CAE D0064 03000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	400	30	1CAE D0064 04000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	150	9	1CAE D0076 01500 230 A1000A 00000 00AAA
	3/8	9,52	3	76	200	12	1CAE D0076 02000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	300	17	1CAE D0076 03000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	400	23	1CAE D0076 04000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	500	29	1CAE D0076 05000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	600	35	1CAE D0076 06000 230 A1000A 00000 00AAA
Lth = 6 mm	3/8	9,52	3,5	89	300	14	1CAE D0089 03000 230 A1000A 00000 00AAA
Lsw = 4 mm	3/8	9,52	3,5	89	400	19	1CAE D0089 04000 230 A1000A 00000 00AAA
SW = 12 mm	3/8	9,52	3,5	89	500	24	1CAE D0089 05000 230 A1000A 00000 00AAA

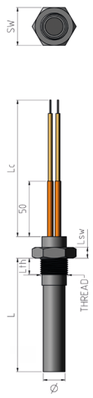
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	3/8	9,52	3,5	89	500	24	1CAE D0089 05000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	200	8	1CAE D0102 02000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	300	12	1CAE D0102 03000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	400	16	1CAE D0102 04000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	500	20	1CAE D0102 05000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	600	24	1CAE D0102 06000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	750	30	1CAE D0102 07500 230 A1000A 00000 00AAA
	3/8	9,52	5	127	400	12	1CAE D0127 04000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	500	15	1CAE D0127 05000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	800	24	1CAE D0127 08000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	1000	31	1CAE D0127 10000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	400	10	1CAE D0152 04000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	500	12	1CAE D0152 05000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	600	15	1CAE D0152 06000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	800	20	1CAE D0152 08000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	1000	25	1CAE D0152 10000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	500	10	1CAE D0178 05000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	600	12	1CAE D0178 06000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	800	17	1CAE D0178 08000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	1000	21	1CAE D0178 10000 230 A1000A 00000 00AAA
Lth = 6 mm	3/8	9,52	8	203	600	11	1CAE D0203 06000 230 A1000A 00000 00AAA
Lsw = 4 mm	3/8	9,52	8	203	800	14	1CAE D0203 08000 230 A1000A 00000 00AAA
SW = 12 mm	3/8	9,52	8	203	1000	18	1CAE D0203 10000 230 A1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

Nipple

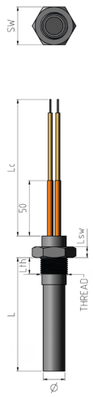
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

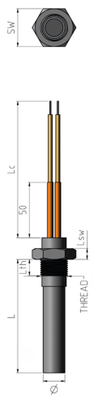
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		10		30	100	33	1CAE E0030 01000 230 A1000A 00000 00AAA
		10		30	125	42	1CAE E0030 01250 230 A1000A 00000 00AAA
		10		30	150	50	1CAE E0030 01500 230 A1000A 00000 00AAA
		10		40	100	16	1CAE E0040 01000 230 A1000A 00000 00AAA
		10		40	125	20	1CAE E0040 01250 230 A1000A 00000 00AAA
		10		40	160	26	1CAE E0040 01600 230 A1000A 00000 00AAA
		10		40	200	32	1CAE E0040 02000 230 A1000A 00000 00AAA
		10		40	250	40	1CAE E0040 02500 230 A1000A 00000 00AAA
		10		50	100	11	1CAE E0050 01000 230 A1000A 00000 00AAA
		10		50	125	13	1CAE E0050 01250 230 A1000A 00000 00AAA
		10		50	160	17	1CAE E0050 01600 230 A1000A 00000 00AAA
		10		50	200	21	1CAE E0050 02000 230 A1000A 00000 00AAA
		10		50	250	26	1CAE E0050 02500 230 A1000A 00000 00AAA
		10		50	320	34	1CAE E0050 03200 230 A1000A 00000 00AAA
		10		50	400	42	1CAE E0050 04000 230 A1000A 00000 00AAA
		10		60	160	13	1CAE E0060 01600 230 A1000A 00000 00AAA
		10		60	200	16	1CAE E0060 02000 230 A1000A 00000 00AAA
		10		60	250	20	1CAE E0060 02500 230 A1000A 00000 00AAA
		10		60	320	25	1CAE E0060 03200 230 A1000A 00000 00AAA
		10		60	400	32	1CAE E0060 04000 230 A1000A 00000 00AAA
		10		60	500	39	1CAE E0060 05000 230 A1000A 00000 00AAA
		10		80	160	8	1CAE E0080 01600 230 A1000A 00000 00AAA
		10		80	200	10	1CAE E0080 02000 230 A1000A 00000 00AAA
		10		80	250	13	1CAE E0080 02500 230 A1000A 00000 00AAA
		10		80	320	17	1CAE E0080 03200 230 A1000A 00000 00AAA
		10		80	400	21	1CAE E0080 04000 230 A1000A 00000 00AAA
Lth = 6 mm Lsw = 4 mm SW = 12 mm		10		80	500	26	1CAE E0080 05000 230 A1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		10		80	650	34	1CAE E0080 06500 230 A1000A 00000 00AAA
		10		100	150	6	1CAE E0100 01500 230 A1000A 00000 00AAA
		10		100	200	8	1CAE E0100 02000 230 A1000A 00000 00AAA
		10		100	250	10	1CAE E0100 02500 230 A1000A 00000 00AAA
		10		100	350	14	1CAE E0100 03500 230 A1000A 00000 00AAA
		10		100	400	16	1CAE E0100 04000 230 A1000A 00000 00AAA
		10		100	500	20	1CAE E0100 05000 230 A1000A 00000 00AAA
		10		100	650	25	1CAE E0100 06500 230 A1000A 00000 00AAA
		10		100	850	33	1CAE E0100 08500 230 A1000A 00000 00AAA
		10		130	250	7	1CAE E0130 02500 230 A1000A 00000 00AAA
		10		130	320	9	1CAE E0130 03200 230 A1000A 00000 00AAA
		10		130	400	11	1CAE E0130 04000 230 A1000A 00000 00AAA
		10		130	500	14	1CAE E0130 05000 230 A1000A 00000 00AAA
		10		130	650	18	1CAE E0130 06500 230 A1000A 00000 00AAA
		10		130	800	23	1CAE E0130 08000 230 A1000A 00000 00AAA
		10		160	400	9	1CAE E0160 04000 230 A1000A 00000 00AAA
		10		160	500	11	1CAE E0160 05000 230 A1000A 00000 00AAA
		10		160	650	14	1CAE E0160 06500 230 A1000A 00000 00AAA
		10		160	800	18	1CAE E0160 08000 230 A1000A 00000 00AAA
		10		200	400	7	1CAE E0200 04000 230 A1000A 00000 00AAA
		10		200	500	9	1CAE E0200 05000 230 A1000A 00000 00AAA
		10		200	650	11	1CAE E0200 06500 230 A1000A 00000 00AAA
		10		200	800	14	1CAE E0200 08000 230 A1000A 00000 00AAA
		10		200	1000	17	1CAE E0200 10000 230 A1000A 00000 00AAA
		10		250	500	7	1CAE E0250 05000 230 A1000A 00000 00AAA
		10		250	650	9	1CAE E0250 06500 230 A1000A 00000 00AAA
		10		250	800	11	1CAE E0250 08000 230 A1000A 00000 00AAA
Lth = 6 mm Lsw = 4 mm SW = 12 mm		10		250	1000	14	1CAE E0250 10000 230 A1000A 00000 00AAA

Nipple

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

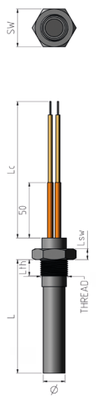
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		12,5		40	125	19	1CAE F0040 01250 230 B1000A 00000 00AAA
		12,5		40	160	24	1CAE F0040 01600 230 B1000A 00000 00AAA
		12,5		40	200	30	1CAE F0040 02000 230 B1000A 00000 00AAA
		12,5		40	250	38	1CAE F0040 02500 230 B1000A 00000 00AAA
		12,5		40	320	48	1CAE F0040 03200 230 B1000A 00000 00AAA
		12,5		50	160	15	1CAE F0050 01600 230 B1000A 00000 00AAA
		12,5		50	200	19	1CAE F0050 02000 230 B1000A 00000 00AAA
		12,5		50	250	24	1CAE F0050 02500 230 B1000A 00000 00AAA
		12,5		50	320	30	1CAE F0050 03200 230 B1000A 00000 00AAA
		12,5		50	400	38	1CAE F0050 04000 230 B1000A 00000 00AAA
		12,5		50	500	47	1CAE F0050 05000 230 B1000A 00000 00AAA
		12,5		60	160	11	1CAE F0060 01600 230 B1000A 00000 00AAA
		12,5		60	200	14	1CAE F0060 02000 230 B1000A 00000 00AAA
		12,5		60	250	17	1CAE F0060 02500 230 B1000A 00000 00AAA
		12,5		60	320	22	1CAE F0060 03200 230 B1000A 00000 00AAA
		12,5		60	400	27	1CAE F0060 04000 230 B1000A 00000 00AAA
		12,5		60	500	34	1CAE F0060 05000 230 B1000A 00000 00AAA
		12,5		60	600	41	1CAE F0060 06000 230 B1000A 00000 00AAA
		12,5		80	160	7	1CAE F0080 01600 230 B1000A 00000 00AAA
		12,5		80	200	9	1CAE F0080 02000 230 B1000A 00000 00AAA
		12,5		80	250	11	1CAE F0080 02500 230 B1000A 00000 00AAA
		12,5		80	320	14	1CAE F0080 03200 230 B1000A 00000 00AAA
		12,5		80	400	18	1CAE F0080 04000 230 B1000A 00000 00AAA
		12,5		80	500	22	1CAE F0080 05000 230 B1000A 00000 00AAA
		12,5		80	650	29	1CAE F0080 06500 230 B1000A 00000 00AAA
		12,5		80	800	35	1CAE F0080 08000 230 B1000A 00000 00AAA
		12,5		100	250	8	1CAE F0100 02500 230 B1000A 00000 00AAA
		12,5		100	320	10	1CAE F0100 03200 230 B1000A 00000 00AAA
		12,5		100	400	13	1CAE F0100 04000 230 B1000A 00000 00AAA
		12,5		100	500	16	1CAE F0100 05000 230 B1000A 00000 00AAA
		12,5		100	650	21	1CAE F0100 06500 230 B1000A 00000 00AAA
		12,5		100	800	26	1CAE F0100 08000 230 B1000A 00000 00AAA
		12,5		100	1000	33	1CAE F0100 10000 230 B1000A 00000 00AAA
Lth = 6 mm Lsw = 4 mm SW = 12 mm		12,5		130	250	6	1CAE F0130 02500 230 B1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		12,5		130	320	7	1CAE F0130 03200 230 B1000A 00000 00AAA
		12,5		130	400	9	1CAE F0130 04000 230 B1000A 00000 00AAA
		12,5		130	500	12	1CAE F0130 05000 230 B1000A 00000 00AAA
		12,5		130	650	15	1CAE F0130 06500 230 B1000A 00000 00AAA
		12,5		130	800	19	1CAE F0130 08000 230 B1000A 00000 00AAA
		12,5		130	1000	23	1CAE F0130 10000 230 B1000A 00000 00AAA
		12,5		130	1250	29	1CAE F0130 12500 230 B1000A 00000 00AAA
		12,5		160	500	9	1CAE F0160 05000 230 B1000A 00000 00AAA
		12,5		160	650	12	1CAE F0160 06500 230 B1000A 00000 00AAA
		12,5		160	800	15	1CAE F0160 08000 230 B1000A 00000 00AAA
		12,5		160	1000	18	1CAE F0160 10000 230 B1000A 00000 00AAA
		12,5		160	1300	24	1CAE F0160 13000 230 B1000A 00000 00AAA
		12,5		180	600	10	1CAE F0180 06000 230 B1000A 00000 00AAA
		12,5		180	750	12	1CAE F0180 07500 230 B1000A 00000 00AAA
		12,5		180	1000	16	1CAE F0180 10000 230 B1000A 00000 00AAA
		12,5		180	1300	21	1CAE F0180 13000 230 B1000A 00000 00AAA
		12,5		200	650	9	1CAE F0200 06500 230 B1000A 00000 00AAA
		12,5		200	800	11	1CAE F0200 08000 230 B1000A 00000 00AAA
		12,5		200	1000	14	1CAE F0200 10000 230 B1000A 00000 00AAA
		12,5		200	1250	18	1CAE F0200 12500 230 B1000A 00000 00AAA
		12,5		200	1500	21	1CAE F0200 15000 230 B1000A 00000 00AAA
		12,5		250	800	9	1CAE F0250 08000 230 B1000A 00000 00AAA
		12,5		250	1000	11	1CAE F0250 10000 230 B1000A 00000 00AAA
		12,5		250	1250	14	1CAE F0250 12500 230 B1000A 00000 00AAA
		12,5		250	1500	16	1CAE F0250 15000 230 B1000A 00000 00AAA
		12,5		250	2000	22	1CAE F0250 20000 230 C1000A 00000 00AAA
		12,5		250	2500	27	1CAE F0250 25000 230 D1000A 00000 00AAA
		12,5		300	600	5	1CAE F0300 06000 230 B1000A 00000 00AAA
		12,5		300	800	7	1CAE F0300 08000 230 B1000A 00000 00AAA
		12,5		300	1000	9	1CAE F0300 10000 230 B1000A 00000 00AAA
		12,5		300	1300	12	1CAE F0300 13000 230 B1000A 00000 00AAA
		12,5		300	1600	14	1CAE F0300 16000 230 B1000A 00000 00AAA
		12,5		300	2000	18	1CAE F0300 20000 230 C1000A 00000 00AAA
Lth = 6 mm Lsw = 4 mm SW = 12 mm		12,5		300	2500	22	1CAE F0300 25000 230 D1000A 00000 00AAA

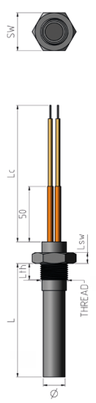
Zoppas Industries
Heating Element Technologies

Nipple

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/2	12,7	1,25	32	100	29	1CAE G0032 01000 230 B1000A 00000 00AAA
	1/2	12,7	1,25	32	125	37	1CAE G0032 01250 230 B1000A 00000 00AAA
	1/2	12,7	1,25	32	150	44	1CAE G0032 01500 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	175	29	1CAE G0038 01750 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	200	33	1CAE G0038 02000 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	250	41	1CAE G0038 02500 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	300	50	1CAE G0038 03000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	200	18	1CAE G0051 02000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	250	22	1CAE G0051 02500 230 B1000A 00000 00AAA
	1/2	12,7	2	51	300	27	1CAE G0051 03000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	400	36	1CAE G0051 04000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	500	45	1CAE G0051 05000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	250	15	1CAE G0064 02500 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	300	18	1CAE G0064 03000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	400	24	1CAE G0064 04000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	500	30	1CAE G0064 05000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	250	12	1CAE G0076 02500 230 B1000A 00000 00AAA
	1/2	12,7	3	76	300	14	1CAE G0076 03000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	400	18	1CAE G0076 04000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	500	23	1CAE G0076 05000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	600	28	1CAE G0076 06000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	750	35	1CAE G0076 07500 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	300	11	1CAE G0089 03000 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	350	13	1CAE G0089 03500 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	500	19	1CAE G0089 05000 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	750	28	1CAE G0089 07500 230 B1000A 00000 00AAA
	1/2	12,7	4	102	350	11	1CAE G0102 03500 230 B1000A 00000 00AAA
	1/2	12,7	4	102	400	12	1CAE G0102 04000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	500	16	1CAE G0102 05000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	600	19	1CAE G0102 06000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	800	25	1CAE G0102 08000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	1000	31	1CAE G0102 10000 230 B1000A 00000 00AAA

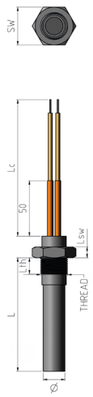
Lth = 6 mm
Lsw = 4 mm
SW = 12 mm

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/2	12,7	5	127	350	8	1CAE G0127 03500 230 B1000A 00000 00AAA
	1/2	12,7	5	127	400	9	1CAE G0127 04000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	500	12	1CAE G0127 05000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	600	14	1CAE G0127 06000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	750	18	1CAE G0127 07500 230 B1000A 00000 00AAA
	1/2	12,7	5	127	1000	24	1CAE G0127 10000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	400	8	1CAE G0152 04000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	500	9	1CAE G0152 05000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	600	11	1CAE G0152 06000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	750	14	1CAE G0152 07500 230 B1000A 00000 00AAA
	1/2	12,7	6	152	1000	19	1CAE G0152 10000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	500	8	1CAE G0178 05000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	800	13	1CAE G0178 08000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	1000	16	1CAE G0178 10000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	1500	24	1CAE G0178 15000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	600	8	1CAE G0203 06000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	800	11	1CAE G0203 08000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	1000	14	1CAE G0203 10000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	1500	20	1CAE G0203 15000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	2000	27	1CAE G0203 20000 230 C1000A 00000 00AAA
	1/2	12,7	9	229	1000	12	1CAE G0229 10000 230 B1000A 00000 00AAA
	1/2	12,7	9	229	1500	18	1CAE G0229 15000 230 B1000A 00000 00AAA
	1/2	12,7	9	229	2000	24	1CAE G0229 20000 230 C1000A 00000 00AAA
	1/2	12,7	10	254	800	8	1CAE G0254 08000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	1000	11	1CAE G0254 10000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	1500	16	1CAE G0254 15000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	2000	21	1CAE G0254 20000 230 C1000A 00000 00AAA
	1/2	12,7	12	305	750	7	1CAE G0305 07500 230 B1000A 00000 00AAA
	1/2	12,7	12	305	1000	9	1CAE G0305 10000 230 B1000A 00000 00AAA
	1/2	12,7	12	305	1500	13	1CAE G0305 15000 230 B1000A 00000 00AAA
	1/2	12,7	12	305	2000	17	1CAE G0305 20000 230 C1000A 00000 00AAA

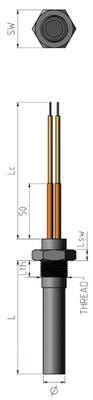
Lth = 6 mm
Lsw = 4 mm
SW = 12 mm

Nipple

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	5/8	15,9	2	51	200	21	1CAE H0051 02000 230 B1000A 00000 00AAA
	5/8	15,9	2	51	300	31	1CAE H0051 03000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	250	15	1CAE H0064 02500 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	300	18	1CAE H0064 03000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	400	25	1CAE H0064 04000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	500	31	1CAE H0064 05000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	750	46	1CAE H0064 07500 230 B1000A 00000 00AAA
	5/8	15,9	3	76	300	13	1CAE H0076 03000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	400	18	1CAE H0076 04000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	500	22	1CAE H0076 05000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	750	33	1CAE H0076 07500 230 B1000A 00000 00AAA
	5/8	15,9	3	76	1000	44	1CAE H0076 10000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	400	11	1CAE H0102 04000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	500	14	1CAE H0102 05000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	600	17	1CAE H0102 06000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	750	21	1CAE H0102 07500 230 B1000A 00000 00AAA
	5/8	15,9	4	102	1000	28	1CAE H0102 10000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	1250	35	1CAE H0102 12500 230 B1000A 00000 00AAA
	5/8	15,9	5	127	600	12	1CAE H0127 06000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	800	16	1CAE H0127 08000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	1000	21	1CAE H0127 10000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	1300	27	1CAE H0127 13000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	600	10	1CAE H0152 06000 230 B1000A 00000 00AAA

Lth = 6 mm
Lsw = 4 mm
SW = 12 mm

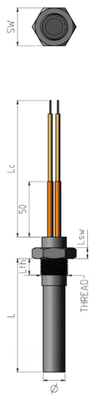
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	5/8	15,9	6	152	800	13	1CAE H0152 08000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1000	16	1CAE H0152 10000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1250	20	1CAE H0152 12500 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1500	24	1CAE H0152 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1000	13	1CAE H0178 10000 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1250	17	1CAE H0178 12500 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1500	20	1CAE H0178 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	800	9	1CAE H0203 08000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1000	11	1CAE H0203 10000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1250	14	1CAE H0203 12500 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1500	17	1CAE H0203 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1750	20	1CAE H0203 17500 230 C1000A 00000 00AAA
	5/8	15,9	7	203	2000	23	1CAE H0203 20000 230 C1000A 00000 00AAA
	5/8	15,9	10	254	750	7	1CAE H0254 07500 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1000	9	1CAE H0254 10000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1300	11	1CAE H0254 13000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1600	14	1CAE H0254 16000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	2000	18	1CAE H0254 20000 230 C1000A 00000 00AAA
	5/8	15,9	12	305	750	5	1CAE H0305 07500 230 B1000A 00000 00AAA
	5/8	15,9	12	305	1000	7	1CAE H0305 10000 230 B1000A 00000 00AAA
	5/8	15,9	12	305	1600	11	1CAE H0305 16000 230 B1000A 00000 00AAA
	5/8	15,9	12	305	2000	14	1CAE H0305 20000 230 C1000A 00000 00AAA
	5/8	15,9	12	305	2500	18	1CAE H0305 25000 230 D1000A 00000 00AAA

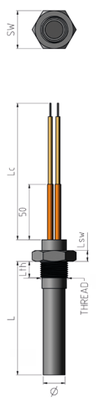
Lth = 6 mm
Lsw = 4 mm
SW = 12 mm

Zoppas Industries
Heating Element Technologies

Nipple

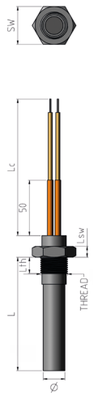
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

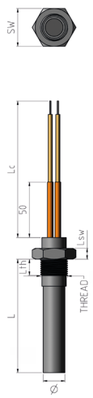
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		16		40	200	46	1CAE I0040 02000 230 B1000A 00000 00AAA
		16		50	200	21	1CAE I0050 02000 230 B1000A 00000 00AAA
		16		50	250	26	1CAE I0050 02500 230 B1000A 00000 00AAA
		16		50	320	34	1CAE I0050 03200 230 B1000A 00000 00AAA
		16		50	400	42	1CAE I0050 04000 230 B1000A 00000 00AAA
		16		60	200	14	1CAE I0060 02000 230 B1000A 00000 00AAA
		16		60	250	17	1CAE I0060 02500 230 B1000A 00000 00AAA
		16		60	320	22	1CAE I0060 03200 230 B1000A 00000 00AAA
		16		60	400	27	1CAE I0060 04000 230 B1000A 00000 00AAA
		16		60	500	34	1CAE I0060 05000 230 B1000A 00000 00AAA
		16		60	650	44	1CAE I0060 06500 230 B1000A 00000 00AAA
		16		80	250	10	1CAE I0080 02500 230 B1000A 00000 00AAA
		16		80	320	13	1CAE I0080 03200 230 B1000A 00000 00AAA
		16		80	400	16	1CAE I0080 04000 230 B1000A 00000 00AAA
		16		80	500	20	1CAE I0080 05000 230 B1000A 00000 00AAA
		16		80	650	26	1CAE I0080 06500 230 B1000A 00000 00AAA
		16		80	800	32	1CAE I0080 08000 230 B1000A 00000 00AAA
		16		80	1000	40	1CAE I0080 10000 230 B1000A 00000 00AAA
		16		100	320	9	1CAE I0100 03200 230 B1000A 00000 00AAA
		16		100	400	11	1CAE I0100 04000 230 B1000A 00000 00AAA
		16		100	500	14	1CAE I0100 05000 230 B1000A 00000 00AAA
		16		100	650	18	1CAE I0100 06500 230 B1000A 00000 00AAA
		16		100	800	23	1CAE I0100 08000 230 B1000A 00000 00AAA
		16		100	1000	28	1CAE I0100 10000 230 B1000A 00000 00AAA
		16		100	1250	35	1CAE I0100 12500 230 B1000A 00000 00AAA
		16		130	400	8	1CAE I0130 04000 230 B1000A 00000 00AAA
		16		130	500	10	1CAE I0130 05000 230 B1000A 00000 00AAA
		16		130	650	13	1CAE I0130 06500 230 B1000A 00000 00AAA
		16		130	800	16	1CAE I0130 08000 230 B1000A 00000 00AAA
		16		130	1000	20	1CAE I0130 10000 230 B1000A 00000 00AAA
		16		130	1250	25	1CAE I0130 12500 230 B1000A 00000 00AAA
Lth = 6 mm		16		160	500	8	1CAE I0160 05000 230 B1000A 00000 00AAA
Lsw = 4 mm		16		160	650	10	1CAE I0160 06500 230 B1000A 00000 00AAA
SW = 12 mm		16		160	800	12	1CAE I0160 08000 230 B1000A 00000 00AAA
		16		160	1000	15	1CAE I0160 10000 230 B1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		16		160	1250	19	1CAE I0160 12500 230 B1000A 00000 00AAA
		16		160	1600	24	1CAE I0160 16000 230 B1000A 00000 00AAA
		16		180	800	10	1CAE I0180 08000 230 B1000A 00000 00AAA
		16		180	1000	13	1CAE I0180 10000 230 B1000A 00000 00AAA
		16		180	1250	16	1CAE I0180 12500 230 B1000A 00000 00AAA
		16		180	1600	21	1CAE I0180 16000 230 B1000A 00000 00AAA
		16		200	500	6	1CAE I0200 05000 230 B1000A 00000 00AAA
		16		200	800	9	1CAE I0200 08000 230 B1000A 00000 00AAA
		16		200	1000	12	1CAE I0200 10000 230 B1000A 00000 00AAA
		16		200	1250	14	1CAE I0200 12500 230 B1000A 00000 00AAA
		16		200	1600	18	1CAE I0200 16000 230 B1000A 00000 00AAA
		16		200	2000	23	1CAE I0200 20000 230 C1000A 00000 00AAA
		16		250	500	4	1CAE I0250 05000 230 B1000A 00000 00AAA
		16		250	800	7	1CAE I0250 08000 230 B1000A 00000 00AAA
		16		250	1000	9	1CAE I0250 10000 230 B1000A 00000 00AAA
		16		250	1250	11	1CAE I0250 12500 230 B1000A 00000 00AAA
		16		250	1600	14	1CAE I0250 16000 230 B1000A 00000 00AAA
		16		250	2000	18	1CAE I0250 20000 230 C1000A 00000 00AAA
		16		300	800	6	1CAE I0300 08000 230 B1000A 00000 00AAA
		16		300	1000	7	1CAE I0300 10000 230 B1000A 00000 00AAA
		16		300	1250	9	1CAE I0300 12500 230 B1000A 00000 00AAA
		16		300	1600	12	1CAE I0300 16000 230 B1000A 00000 00AAA
		16		300	2000	14	1CAE I0300 20000 230 C1000A 00000 00AAA
		16		300	2500	18	1CAE I0300 25000 230 D1000A 00000 00AAA
		16		350	750	5	1CAE I0350 07500 230 B1000A 00000 00AAA
		16		350	1000	6	1CAE I0350 10000 230 B1000A 00000 00AAA
		16		350	1300	8	1CAE I0350 13000 230 B1000A 00000 00AAA
		16		350	1600	10	1CAE I0350 16000 230 B1000A 00000 00AAA
		16		350	2000	12	1CAE I0350 20000 230 C1000A 00000 00AAA
		16		350	2500	15	1CAE I0350 25000 230 D1000A 00000 00AAA
Lth = 6 mm		16		400	1000	5	1CAE I0400 10000 230 B1000A 00000 00AAA
Lsw = 4 mm		16		400	1400	7	1CAE I0400 14000 230 B1000A 00000 00AAA
SW = 12 mm		16		400	2000	11	1CAE I0400 20000 230 C1000A 00000 00AAA
		16		400	2500	13	1CAE I0400 25000 230 D1000A 00000 00AAA

Nipple

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length (Lc) = 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

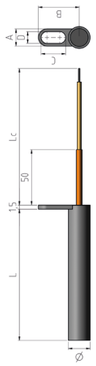
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		20		60	320	19	1CAE J0060 03200 230 C1000A 00000 00AAA
		20		60	500	29	1CAE J0060 05000 230 C1000A 00000 00AAA
		20		60	800	47	1CAE J0060 08000 230 C1000A 00000 00AAA
		20		80	320	11	1CAE J0080 03200 230 C1000A 00000 00AAA
		20		80	500	17	1CAE J0080 05000 230 C1000A 00000 00AAA
		20		80	800	27	1CAE J0080 08000 230 C1000A 00000 00AAA
		20		80	1000	33	1CAE J0080 10000 230 C1000A 00000 00AAA
		20		80	1250	42	1CAE J0080 12500 230 C1000A 00000 00AAA
		20		100	500	12	1CAE J0100 05000 230 C1000A 00000 00AAA
		20		100	800	19	1CAE J0100 08000 230 C1000A 00000 00AAA
		20		100	1000	23	1CAE J0100 10000 230 C1000A 00000 00AAA
		20		100	1250	29	1CAE J0100 12500 230 C1000A 00000 00AAA
		20		100	1600	37	1CAE J0100 16000 230 C1000A 00000 00AAA
		20		130	650	10	1CAE J0130 06500 230 C1000A 00000 00AAA
		20		130	1000	16	1CAE J0130 10000 230 C1000A 00000 00AAA
		20		130	1250	20	1CAE J0130 12500 230 C1000A 00000 00AAA
		20		130	1600	26	1CAE J0130 16000 230 C1000A 00000 00AAA
		20		130	2000	32	1CAE J0130 20000 230 C1000A 00000 00AAA
		20		160	800	10	1CAE J0160 08000 230 C1000A 00000 00AAA
Lth = 6 mm		20		160	1000	12	1CAE J0160 10000 230 C1000A 00000 00AAA
Lsw = 4 mm							
SW = 12 mm							

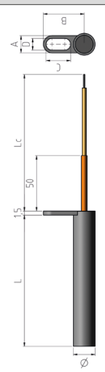
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		20		160	1250	15	1CAE J0160 12500 230 C1000A 00000 00AAA
		20		160	1600	20	1CAE J0160 16000 230 C1000A 00000 00AAA
		20		160	2000	25	1CAE J0160 20000 230 C1000A 00000 00AAA
		20		200	1000	9	1CAE J0200 10000 230 C1000A 00000 00AAA
		20		200	1600	15	1CAE J0200 16000 230 C1000A 00000 00AAA
		20		200	2000	19	1CAE J0200 20000 230 C1000A 00000 00AAA
		20		200	2500	23	1CAE J0200 25000 230 D1000A 00000 00AAA
		20		250	1000	7	1CAE J0250 10000 230 C1000A 00000 00AAA
		20		250	1250	9	1CAE J0250 12500 230 C1000A 00000 00AAA
		20		250	2000	14	1CAE J0250 20000 230 C1000A 00000 00AAA
		20		250	2500	18	1CAE J0250 25000 230 D1000A 00000 00AAA
		20		300	1600	9	1CAE J0300 16000 230 C1000A 00000 00AAA
		20		300	2200	13	1CAE J0300 22000 230 C1000A 00000 00AAA
		20		300	2500	15	1CAE J0300 25000 230 D1000A 00000 00AAA
		20		350	2000	10	1CAE J0350 20000 230 C1000A 00000 00AAA
		20		350	2500	12	1CAE J0350 25000 230 D1000A 00000 00AAA
		20		350	3000	15	1CAE J0350 30000 230 D1000A 00000 00AAA
Lth = 6 mm		20		400	1600	7	1CAE J0400 16000 230 C1000A 00000 00AAA
Lsw = 4 mm		20		400	2500	11	1CAE J0400 25000 230 D1000A 00000 00AAA
SW = 12 mm		20		400	3000	13	1CAE J0400 30000 230 D1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

Mounting Clamp

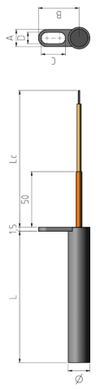
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

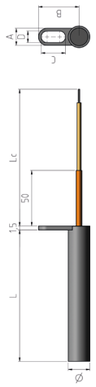
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/4	6,35	1,25	32	100	37	1CAF A0032 01000 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	100	25	1CAF A0038 01000 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	150	37	1CAF A0038 01500 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	200	49	1CAF A0038 02000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	100	15	1CAF A0051 01000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	150	23	1CAF A0051 01500 230 A1000A 00000 00AAA
	1/4	6,35	2	51	200	30	1CAF A0051 02000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	250	38	1CAF A0051 02500 230 A1000A 00000 00AAA
	1/4	6,35	2	51	300	45	1CAF A0051 03000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	150	16	1CAF A0064 01500 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	200	22	1CAF A0064 02000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	250	27	1CAF A0064 02500 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	300	32	1CAF A0064 03000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	400	43	1CAF A0064 04000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	150	13	1CAF A0076 01500 230 A1000A 00000 00AAA
A=6,3 mm - B=14,25 mm	1/4	6,35	3	76	200	17	1CAF A0076 02000 230 A1000A 00000 00AAA
C=9 mm - D=4,3 mm	1/4	6,35	3	76	250	21	1CAF A0076 02500 230 A1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/4	6,35	3	76	300	25	1CAF A0076 03000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	400	34	1CAF A0076 04000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	200	14	1CAF A0089 02000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	300	21	1CAF A0089 03000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	400	28	1CAF A0089 04000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	450	31	1CAF A0089 04500 230 A1000A 00000 00AAA
	1/4	6,35	4	102	175	10	1CAF A0102 01750 230 A1000A 00000 00AAA
	1/4	6,35	4	102	250	15	1CAF A0102 02500 230 A1000A 00000 00AAA
	1/4	6,35	4	102	300	18	1CAF A0102 03000 230 A1000A 00000 00AAA
	1/4	6,35	4	102	350	21	1CAF A0102 03500 230 A1000A 00000 00AAA
	1/4	6,35	5	127	300	13	1CAF A0127 03000 230 A1000A 00000 00AAA
	1/4	6,35	5	127	350	16	1CAF A0127 03500 230 A1000A 00000 00AAA
	1/4	6,35	5	127	400	18	1CAF A0127 04000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	300	11	1CAF A0152 03000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	400	15	1CAF A0152 04000 230 A1000A 00000 00AAA
A=6,3 mm - B=14,25 mm	1/4	6,35	6	152	500	18	1CAF A0152 05000 230 A1000A 00000 00AAA
C=9 mm - D=4,3 mm	1/4	6,35	6	152	600	22	1CAF A0152 06000 230 A1000A 00000 00AAA

Mounting Clamp

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

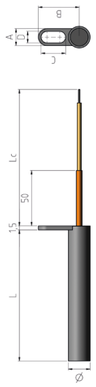
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		6,5		30	100	40	1CAF B0030 01000 230 A1000A 00000 00AAA
		6,5		40	100	22	1CAF B0040 01000 230 A1000A 00000 00AAA
		6,5		40	125	27	1CAF B0040 01250 230 A1000A 00000 00AAA
		6,5		40	160	35	1CAF B0040 01600 230 A1000A 00000 00AAA
		6,5		40	180	39	1CAF B0040 01800 230 A1000A 00000 00AAA
		6,5		40	200	44	1CAF B0040 02000 230 A1000A 00000 00AAA
		6,5		50	100	15	1CAF B0050 01000 230 A1000A 00000 00AAA
		6,5		50	125	19	1CAF B0050 01250 230 A1000A 00000 00AAA
		6,5		50	160	24	1CAF B0050 01600 230 A1000A 00000 00AAA
		6,5		50	200	30	1CAF B0050 02000 230 A1000A 00000 00AAA
		6,5		50	250	37	1CAF B0050 02500 230 A1000A 00000 00AAA
		6,5		60	125	14	1CAF B0060 01250 230 A1000A 00000 00AAA
		6,5		60	160	18	1CAF B0060 01600 230 A1000A 00000 00AAA
		6,5		60	180	21	1CAF B0060 01800 230 A1000A 00000 00AAA
		6,5		60	200	23	1CAF B0060 02000 230 A1000A 00000 00AAA
		6,5		60	250	28	1CAF B0060 02500 230 A1000A 00000 00AAA
		6,5		60	320	36	1CAF B0060 03200 230 A1000A 00000 00AAA
		6,5		80	125	10	1CAF B0080 01250 230 A1000A 00000 00AAA
		6,5		80	160	12	1CAF B0080 01600 230 A1000A 00000 00AAA
		6,5		80	180	14	1CAF B0080 01800 230 A1000A 00000 00AAA
		6,5		80	200	15	1CAF B0080 02000 230 A1000A 00000 00AAA
A = 6,3 mm		6,5		80	250	19	1CAF B0080 02500 230 A1000A 00000 00AAA
B = 14,25 mm							
C = 9 mm							
D = 4,3 mm							

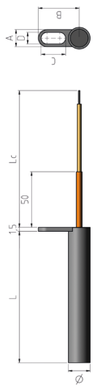
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		6,5		80	320	25	1CAF B0080 03200 230 A1000A 00000 00AAA
		6,5		80	350	27	1CAF B0080 03500 230 A1000A 00000 00AAA
		6,5		100	125	7	1CAF B0100 01250 230 A1000A 00000 00AAA
		6,5		100	160	9	1CAF B0100 01600 230 A1000A 00000 00AAA
		6,5		100	200	12	1CAF B0100 02000 230 A1000A 00000 00AAA
		6,5		100	250	15	1CAF B0100 02500 230 A1000A 00000 00AAA
		6,5		100	320	19	1CAF B0100 03200 230 A1000A 00000 00AAA
		6,5		100	350	20	1CAF B0100 03500 230 A1000A 00000 00AAA
		6,5		100	400	23	1CAF B0100 04000 230 A1000A 00000 00AAA
		6,5		130	150	6	1CAF B0130 01500 230 A1000A 00000 00AAA
		6,5		130	200	9	1CAF B0130 02000 230 A1000A 00000 00AAA
		6,5		130	250	11	1CAF B0130 02500 230 A1000A 00000 00AAA
		6,5		130	300	13	1CAF B0130 03000 230 A1000A 00000 00AAA
		6,5		130	350	15	1CAF B0130 03500 230 A1000A 00000 00AAA
		6,5		130	400	17	1CAF B0130 04000 230 A1000A 00000 00AAA
		6,5		160	200	7	1CAF B0160 02000 230 A1000A 00000 00AAA
		6,5		160	250	8	1CAF B0160 02500 230 A1000A 00000 00AAA
		6,5		160	300	10	1CAF B0160 03000 230 A1000A 00000 00AAA
		6,5		160	350	12	1CAF B0160 03500 230 A1000A 00000 00AAA
		6,5		160	400	13	1CAF B0160 04000 230 A1000A 00000 00AAA
		6,5		160	450	15	1CAF B0160 04500 230 A1000A 00000 00AAA
A = 6,3 mm		6,5		160	500	17	1CAF B0160 05000 230 A1000A 00000 00AAA
B = 14,25 mm							
C = 9 mm							
D = 4,3 mm							

Zoppas Industries
Heating Element Technologies

Mounting Clamp

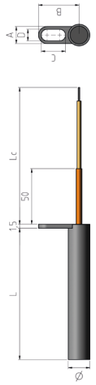
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

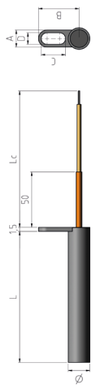
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
 A = 6,3 mm B = 14,25 mm C = 9 mm D = 4,3 mm		8		30	100	36	1CAF C0030 01000 230 A1000A 00000 00AAB
		8		30	125	45	1CAF C0030 01250 230 A1000A 00000 00AAB
		8		40	100	19	1CAF C0040 01000 230 A1000A 00000 00AAB
		8		40	125	23	1CAF C0040 01250 230 A1000A 00000 00AAB
		8		40	140	26	1CAF C0040 01400 230 A1000A 00000 00AAB
		8		40	160	30	1CAF C0040 01600 230 A1000A 00000 00AAB
		8		40	200	37	1CAF C0040 02000 230 A1000A 00000 00AAB
		8		40	250	46	1CAF C0040 02500 230 A1000A 00000 00AAB
		8		50	125	16	1CAF C0050 01250 230 A1000A 00000 00AAB
		8		50	160	20	1CAF C0050 01600 230 A1000A 00000 00AAB
		8		50	200	25	1CAF C0050 02000 230 A1000A 00000 00AAB
		8		50	250	31	1CAF C0050 02500 230 A1000A 00000 00AAB
		8		50	320	40	1CAF C0050 03200 230 A1000A 00000 00AAB
		8		60	125	12	1CAF C0060 01250 230 A1000A 00000 00AAB
		8		60	160	15	1CAF C0060 01600 230 A1000A 00000 00AAB
		8		60	200	19	1CAF C0060 02000 230 A1000A 00000 00AAB
		8		60	250	24	1CAF C0060 02500 230 A1000A 00000 00AAB
		8		60	280	27	1CAF C0060 02800 230 A1000A 00000 00AAB
		8		60	320	30	1CAF C0060 03200 230 A1000A 00000 00AAB
		8		60	400	38	1CAF C0060 04000 230 A1000A 00000 00AAB
		8		80	160	10	1CAF C0080 01600 230 A1000A 00000 00AAB

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
 A = 6,3 mm B = 14,25 mm C = 9 mm D = 4,3 mm		8		80	200	13	1CAF C0080 02000 230 A1000A 00000 00AAB
		8		80	250	16	1CAF C0080 02500 230 A1000A 00000 00AAB
		8		80	280	18	1CAF C0080 02800 230 A1000A 00000 00AAB
		8		80	320	20	1CAF C0080 03200 230 A1000A 00000 00AAB
		8		80	400	25	1CAF C0080 04000 230 A1000A 00000 00AAB
		8		80	400	25	1CAF C0080 04000 230 A1000A 00000 00AAB
		8		100	160	8	1CAF C0100 01600 230 A1000A 00000 00AAB
		8		100	200	10	1CAF C0100 02000 230 A1000A 00000 00AAB
		8		100	250	12	1CAF C0100 02500 230 A1000A 00000 00AAB
		8		100	280	13	1CAF C0100 02800 230 A1000A 00000 00AAB
		8		100	320	15	1CAF C0100 03200 230 A1000A 00000 00AAB
		8		100	400	19	1CAF C0100 04000 230 A1000A 00000 00AAB
		8		130	200	7	1CAF C0130 02000 230 A1000A 00000 00AAB
		8		130	250	9	1CAF C0130 02500 230 A1000A 00000 00AAB
		8		130	320	11	1CAF C0130 03200 230 A1000A 00000 00AAB
		8		130	400	14	1CAF C0130 04000 230 A1000A 00000 00AAB
		8		160	250	7	1CAF C0160 02500 230 A1000A 00000 00AAB
		8		160	320	9	1CAF C0160 03200 230 A1000A 00000 00AAB
		8		160	450	12	1CAF C0160 04500 230 A1000A 00000 00AAB
		8		160	500	14	1CAF C0160 05000 230 A1000A 00000 00AAB
		8		160	600	17	1CAF C0160 06000 230 A1000A 00000 00AAB

Mounting Clamp

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

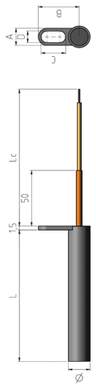
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
 A = 6,3 mm B = 14,25 mm C = 9 mm D = 4,3 mm	3/8	9,52	1,25	32	100	28	1CAF D0032 01000 230 A1000A 00000 00AAA
	3/8	9,52	1,25	32	125	35	1CAF D0032 01250 230 A1000A 00000 00AAA
	3/8	9,52	1,25	32	150	42	1CAF D0032 01500 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	100	18	1CAF D0038 01000 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	150	27	1CAF D0038 01500 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	200	36	1CAF D0038 02000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	100	11	1CAF D0051 01000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	150	16	1CAF D0051 01500 230 A1000A 00000 00AAA
	3/8	9,52	2	51	200	21	1CAF D0051 02000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	300	32	1CAF D0051 03000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	400	43	1CAF D0051 04000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	100	8	1CAF D0064 01000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	200	15	1CAF D0064 02000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	300	23	1CAF D0064 03000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	400	30	1CAF D0064 04000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	150	9	1CAF D0076 01500 230 A1000A 00000 00AAA
	3/8	9,52	3	76	200	12	1CAF D0076 02000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	300	17	1CAF D0076 03000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	400	23	1CAF D0076 04000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	500	29	1CAF D0076 05000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	600	35	1CAF D0076 06000 230 A1000A 00000 00AAA
	3/8	9,52	3,5	89	300	14	1CAF D0089 03000 230 A1000A 00000 00AAA
	3/8	9,52	3,5	89	400	19	1CAF D0089 04000 230 A1000A 00000 00AAA
	3/8	9,52	3,5	89	500	24	1CAF D0089 05000 230 A1000A 00000 00AAA

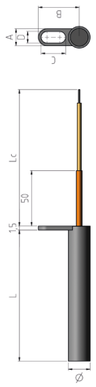
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
 A = 6,3 mm B = 14,25 mm C = 9 mm D = 4,3 mm	3/8	9,52	3,5	89	500	24	1CAF D0089 05000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	200	8	1CAF D0102 02000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	300	12	1CAF D0102 03000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	400	16	1CAF D0102 04000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	500	20	1CAF D0102 05000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	600	24	1CAF D0102 06000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	750	30	1CAF D0102 07500 230 A1000A 00000 00AAA
	3/8	9,52	5	127	400	12	1CAF D0127 04000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	500	15	1CAF D0127 05000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	800	24	1CAF D0127 08000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	1000	31	1CAF D0127 10000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	400	10	1CAF D0152 04000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	500	12	1CAF D0152 05000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	600	15	1CAF D0152 06000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	800	20	1CAF D0152 08000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	1000	25	1CAF D0152 10000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	500	10	1CAF D0178 05000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	600	12	1CAF D0178 06000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	800	17	1CAF D0178 08000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	1000	21	1CAF D0178 10000 230 A1000A 00000 00AAA
	3/8	9,52	8	203	600	11	1CAF D0203 06000 230 A1000A 00000 00AAA
	3/8	9,52	8	203	800	14	1CAF D0203 08000 230 A1000A 00000 00AAA
	3/8	9,52	8	203	1000	18	1CAF D0203 10000 230 A1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

Mounting Clamp

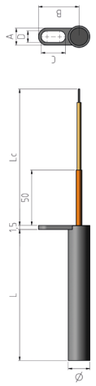
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

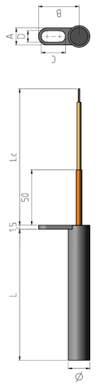
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
 A = 6,3 mm B = 14,25 mm C = 9 mm D = 4,3 mm		10		30	100	33	1CAF E0030 01000 230 A1000A 00000 00AAA
		10		30	125	42	1CAF E0030 01250 230 A1000A 00000 00AAA
		10		30	150	50	1CAF E0030 01500 230 A1000A 00000 00AAA
		10		40	100	16	1CAF E0040 01000 230 A1000A 00000 00AAA
		10		40	125	20	1CAF E0040 01250 230 A1000A 00000 00AAA
		10		40	160	26	1CAF E0040 01600 230 A1000A 00000 00AAA
		10		40	200	32	1CAF E0040 02000 230 A1000A 00000 00AAA
		10		40	250	40	1CAF E0040 02500 230 A1000A 00000 00AAA
		10		50	100	11	1CAF E0050 01000 230 A1000A 00000 00AAA
		10		50	125	13	1CAF E0050 01250 230 A1000A 00000 00AAA
		10		50	160	17	1CAF E0050 01600 230 A1000A 00000 00AAA
		10		50	200	21	1CAF E0050 02000 230 A1000A 00000 00AAA
		10		50	250	26	1CAF E0050 02500 230 A1000A 00000 00AAA
		10		50	320	34	1CAF E0050 03200 230 A1000A 00000 00AAA
		10		50	400	42	1CAF E0050 04000 230 A1000A 00000 00AAA
		10		60	160	13	1CAF E0060 01600 230 A1000A 00000 00AAA
		10		60	200	16	1CAF E0060 02000 230 A1000A 00000 00AAA
		10		60	250	20	1CAF E0060 02500 230 A1000A 00000 00AAA
		10		60	320	25	1CAF E0060 03200 230 A1000A 00000 00AAA
		10		60	400	32	1CAF E0060 04000 230 A1000A 00000 00AAA
		10		60	500	39	1CAF E0060 05000 230 A1000A 00000 00AAA
		10		80	160	8	1CAF E0080 01600 230 A1000A 00000 00AAA
		10		80	200	10	1CAF E0080 02000 230 A1000A 00000 00AAA
		10		80	250	13	1CAF E0080 02500 230 A1000A 00000 00AAA
		10		80	320	17	1CAF E0080 03200 230 A1000A 00000 00AAA
		10		80	400	21	1CAF E0080 04000 230 A1000A 00000 00AAA
		10		80	500	26	1CAF E0080 05000 230 A1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
 A = 6,3 mm B = 14,25 mm C = 9 mm D = 4,3 mm		10		80	650	34	1CAF E0080 06500 230 A1000A 00000 00AAA
		10		100	150	6	1CAF E0100 01500 230 A1000A 00000 00AAA
		10		100	200	8	1CAF E0100 02000 230 A1000A 00000 00AAA
		10		100	250	10	1CAF E0100 02500 230 A1000A 00000 00AAA
		10		100	350	14	1CAF E0100 03500 230 A1000A 00000 00AAA
		10		100	400	16	1CAF E0100 04000 230 A1000A 00000 00AAA
		10		100	500	20	1CAF E0100 05000 230 A1000A 00000 00AAA
		10		100	650	25	1CAF E0100 06500 230 A1000A 00000 00AAA
		10		100	850	33	1CAF E0100 08500 230 A1000A 00000 00AAA
		10		130	250	7	1CAF E0130 02500 230 A1000A 00000 00AAA
		10		130	320	9	1CAF E0130 03200 230 A1000A 00000 00AAA
		10		130	400	11	1CAF E0130 04000 230 A1000A 00000 00AAA
		10		130	500	14	1CAF E0130 05000 230 A1000A 00000 00AAA
		10		130	650	18	1CAF E0130 06500 230 A1000A 00000 00AAA
		10		130	800	23	1CAF E0130 08000 230 A1000A 00000 00AAA
		10		160	400	9	1CAF E0160 04000 230 A1000A 00000 00AAA
		10		160	500	11	1CAF E0160 05000 230 A1000A 00000 00AAA
		10		160	650	14	1CAF E0160 06500 230 A1000A 00000 00AAA
		10		160	800	18	1CAF E0160 08000 230 A1000A 00000 00AAA
		10		200	400	7	1CAF E0200 04000 230 A1000A 00000 00AAA
		10		200	500	9	1CAF E0200 05000 230 A1000A 00000 00AAA
		10		200	650	11	1CAF E0200 06500 230 A1000A 00000 00AAA
		10		200	800	14	1CAF E0200 08000 230 A1000A 00000 00AAA
		10		200	1000	17	1CAF E0200 10000 230 A1000A 00000 00AAA
		10		250	500	7	1CAF E0250 05000 230 A1000A 00000 00AAA
		10		250	650	9	1CAF E0250 06500 230 A1000A 00000 00AAA
		10		250	800	11	1CAF E0250 08000 230 A1000A 00000 00AAA
		10		250	1000	14	1CAF E0250 10000 230 A1000A 00000 00AAA

Mounting Clamp

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

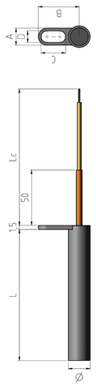
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
 A = 6,3 mm B = 14,25 mm C = 9 mm D = 4,3 mm		12,5		40	125	19	1CAF F0040 01250 230 B1000A 00000 00AAA
		12,5		40	160	24	1CAF F0040 01600 230 B1000A 00000 00AAA
		12,5		40	200	30	1CAF F0040 02000 230 B1000A 00000 00AAA
		12,5		40	250	38	1CAF F0040 02500 230 B1000A 00000 00AAA
		12,5		40	320	48	1CAF F0040 03200 230 B1000A 00000 00AAA
		12,5		50	160	15	1CAF F0050 01600 230 B1000A 00000 00AAA
		12,5		50	200	19	1CAF F0050 02000 230 B1000A 00000 00AAA
		12,5		50	250	24	1CAF F0050 02500 230 B1000A 00000 00AAA
		12,5		50	320	30	1CAF F0050 03200 230 B1000A 00000 00AAA
		12,5		50	400	38	1CAF F0050 04000 230 B1000A 00000 00AAA
		12,5		50	500	47	1CAF F0050 05000 230 B1000A 00000 00AAA
		12,5		60	160	11	1CAF F0060 01600 230 B1000A 00000 00AAA
		12,5		60	200	14	1CAF F0060 02000 230 B1000A 00000 00AAA
		12,5		60	250	17	1CAF F0060 02500 230 B1000A 00000 00AAA
		12,5		60	320	22	1CAF F0060 03200 230 B1000A 00000 00AAA
		12,5		60	400	27	1CAF F0060 04000 230 B1000A 00000 00AAA
		12,5		60	500	34	1CAF F0060 05000 230 B1000A 00000 00AAA
		12,5		60	600	41	1CAF F0060 06000 230 B1000A 00000 00AAA
		12,5		80	160	7	1CAF F0080 01600 230 B1000A 00000 00AAA
		12,5		80	200	9	1CAF F0080 02000 230 B1000A 00000 00AAA
		12,5		80	250	11	1CAF F0080 02500 230 B1000A 00000 00AAA
		12,5		80	320	14	1CAF F0080 03200 230 B1000A 00000 00AAA
		12,5		80	400	18	1CAF F0080 04000 230 B1000A 00000 00AAA
		12,5		80	500	22	1CAF F0080 05000 230 B1000A 00000 00AAA
		12,5		80	650	29	1CAF F0080 06500 230 B1000A 00000 00AAA
		12,5		80	800	35	1CAF F0080 08000 230 B1000A 00000 00AAA
		12,5		100	250	8	1CAF F0100 02500 230 B1000A 00000 00AAA
		12,5		100	320	10	1CAF F0100 03200 230 B1000A 00000 00AAA
		12,5		100	400	13	1CAF F0100 04000 230 B1000A 00000 00AAA
		12,5		100	500	16	1CAF F0100 05000 230 B1000A 00000 00AAA
		12,5		100	650	21	1CAF F0100 06500 230 B1000A 00000 00AAA
		12,5		100	800	26	1CAF F0100 08000 230 B1000A 00000 00AAA
		12,5		100	1000	33	1CAF F0100 10000 230 B1000A 00000 00AAA
		12,5		130	250	6	1CAF F0130 02500 230 B1000A 00000 00AAA

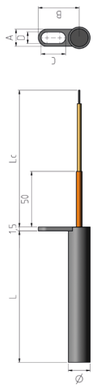
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
 A = 6,3 mm B = 14,25 mm C = 9 mm D = 4,3 mm		12,5		130	320	7	1CAF F0130 03200 230 B1000A 00000 00AAA
		12,5		130	400	9	1CAF F0130 04000 230 B1000A 00000 00AAA
		12,5		130	500	12	1CAF F0130 05000 230 B1000A 00000 00AAA
		12,5		130	650	15	1CAF F0130 06500 230 B1000A 00000 00AAA
		12,5		130	800	19	1CAF F0130 08000 230 B1000A 00000 00AAA
		12,5		130	1000	23	1CAF F0130 10000 230 B1000A 00000 00AAA
		12,5		130	1250	29	1CAF F0130 12500 230 B1000A 00000 00AAA
		12,5		160	500	9	1CAF F0160 05000 230 B1000A 00000 00AAA
		12,5		160	650	12	1CAF F0160 06500 230 B1000A 00000 00AAA
		12,5		160	800	15	1CAF F0160 08000 230 B1000A 00000 00AAA
		12,5		160	1000	18	1CAF F0160 10000 230 B1000A 00000 00AAA
		12,5		160	1300	24	1CAF F0160 13000 230 B1000A 00000 00AAA
		12,5		180	600	10	1CAF F0180 06000 230 B1000A 00000 00AAA
		12,5		180	750	12	1CAF F0180 07500 230 B1000A 00000 00AAA
		12,5		180	1000	16	1CAF F0180 10000 230 B1000A 00000 00AAA
		12,5		180	1300	21	1CAF F0180 13000 230 B1000A 00000 00AAA
		12,5		200	650	9	1CAF F0200 06500 230 B1000A 00000 00AAA
		12,5		200	800	11	1CAF F0200 08000 230 B1000A 00000 00AAA
		12,5		200	1000	14	1CAF F0200 10000 230 B1000A 00000 00AAA
		12,5		200	1250	18	1CAF F0200 12500 230 B1000A 00000 00AAA
		12,5		200	1500	21	1CAF F0200 15000 230 B1000A 00000 00AAA
		12,5		250	800	9	1CAF F0250 08000 230 B1000A 00000 00AAA
		12,5		250	1000	11	1CAF F0250 10000 230 B1000A 00000 00AAA
		12,5		250	1250	14	1CAF F0250 12500 230 B1000A 00000 00AAA
		12,5		250	1500	16	1CAF F0250 15000 230 B1000A 00000 00AAA
		12,5		250	2000	22	1CAF F0250 20000 230 C1000A 00000 00AAA
		12,5		250	2500	27	1CAF F0250 25000 230 D1000A 00000 00AAA
		12,5		300	600	5	1CAF F0300 06000 230 B1000A 00000 00AAA
		12,5		300	800	7	1CAF F0300 08000 230 B1000A 00000 00AAA
		12,5		300	1000	9	1CAF F0300 10000 230 B1000A 00000 00AAA
		12,5		300	1300	12	1CAF F0300 13000 230 B1000A 00000 00AAA
		12,5		300	1600	14	1CAF F0300 16000 230 B1000A 00000 00AAA
		12,5		300	2000	18	1CAF F0300 20000 230 C1000A 00000 00AAA
		12,5		300	2500	22	1CAF F0300 25000 230 D1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

Mounting Clamp

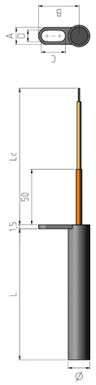
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

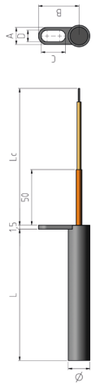
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
 A = 6,3 mm B = 14,25 mm C = 9 mm D = 4,3 mm	1/2	12,7	1,25	32	100	29	1CAF G0032 01000 230 B1000A 00000 00AAA
	1/2	12,7	1,25	32	125	37	1CAF G0032 01250 230 B1000A 00000 00AAA
	1/2	12,7	1,25	32	150	44	1CAF G0032 01500 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	175	29	1CAF G0038 01750 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	200	33	1CAF G0038 02000 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	250	41	1CAF G0038 02500 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	300	50	1CAF G0038 03000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	200	18	1CAF G0051 02000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	250	22	1CAF G0051 02500 230 B1000A 00000 00AAA
	1/2	12,7	2	51	300	27	1CAF G0051 03000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	400	36	1CAF G0051 04000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	500	45	1CAF G0051 05000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	250	15	1CAF G0064 02500 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	300	18	1CAF G0064 03000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	400	24	1CAF G0064 04000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	500	30	1CAF G0064 05000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	250	12	1CAF G0076 02500 230 B1000A 00000 00AAA
	1/2	12,7	3	76	300	14	1CAF G0076 03000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	400	18	1CAF G0076 04000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	500	23	1CAF G0076 05000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	600	28	1CAF G0076 06000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	750	35	1CAF G0076 07500 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	300	11	1CAF G0089 03000 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	350	13	1CAF G0089 03500 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	500	19	1CAF G0089 05000 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	750	28	1CAF G0089 07500 230 B1000A 00000 00AAA
	1/2	12,7	4	102	350	11	1CAF G0102 03500 230 B1000A 00000 00AAA
	1/2	12,7	4	102	400	12	1CAF G0102 04000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	500	16	1CAF G0102 05000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	600	19	1CAF G0102 06000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	800	25	1CAF G0102 08000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	1000	31	1CAF G0102 10000 230 B1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
 A = 6,3 mm B = 14,25 mm C = 9 mm D = 4,3 mm	1/2	12,7	5	127	350	8	1CAF G0127 03500 230 B1000A 00000 00AAA
	1/2	12,7	5	127	400	9	1CAF G0127 04000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	500	12	1CAF G0127 05000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	600	14	1CAF G0127 06000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	750	18	1CAF G0127 07500 230 B1000A 00000 00AAA
	1/2	12,7	5	127	1000	24	1CAF G0127 10000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	400	8	1CAF G0152 04000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	500	9	1CAF G0152 05000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	600	11	1CAF G0152 06000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	750	14	1CAF G0152 07500 230 B1000A 00000 00AAA
	1/2	12,7	6	152	1000	19	1CAF G0152 10000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	500	8	1CAF G0178 05000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	800	13	1CAF G0178 08000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	1000	16	1CAF G0178 10000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	1500	24	1CAF G0178 15000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	600	8	1CAF G0203 06000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	800	11	1CAF G0203 08000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	1000	14	1CAF G0203 10000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	1500	20	1CAF G0203 15000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	2000	27	1CAF G0203 20000 230 C1000A 00000 00AAA
	1/2	12,7	9	229	1000	12	1CAF G0229 10000 230 B1000A 00000 00AAA
	1/2	12,7	9	229	1500	18	1CAF G0229 15000 230 B1000A 00000 00AAA
	1/2	12,7	9	229	2000	24	1CAF G0229 20000 230 C1000A 00000 00AAA
	1/2	12,7	10	254	800	8	1CAF G0254 08000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	1000	11	1CAF G0254 10000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	1500	16	1CAF G0254 15000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	2000	21	1CAF G0254 20000 230 C1000A 00000 00AAA
	1/2	12,7	12	305	750	7	1CAF G0305 07500 230 B1000A 00000 00AAA
	1/2	12,7	12	305	1000	9	1CAF G0305 10000 230 B1000A 00000 00AAA
	1/2	12,7	12	305	1500	13	1CAF G0305 15000 230 B1000A 00000 00AAA
	1/2	12,7	12	305	2000	17	1CAF G0305 20000 230 C1000A 00000 00AAA

Mounting Clamp

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

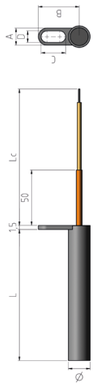
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
 A = 6,3 mm B = 14,25 mm C = 9 mm D = 4,3 mm	5/8	15,9	2	51	200	21	1CAF H0051 02000 230 B1000A 00000 00AAA
	5/8	15,9	2	51	300	31	1CAF H0051 03000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	250	15	1CAF H0064 02500 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	300	18	1CAF H0064 03000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	400	25	1CAF H0064 04000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	500	31	1CAF H0064 05000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	750	46	1CAF H0064 07500 230 B1000A 00000 00AAA
	5/8	15,9	3	76	300	13	1CAF H0076 03000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	400	18	1CAF H0076 04000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	500	22	1CAF H0076 05000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	750	33	1CAF H0076 07500 230 B1000A 00000 00AAA
	5/8	15,9	3	76	1000	44	1CAF H0076 10000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	400	11	1CAF H0102 04000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	500	14	1CAF H0102 05000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	600	17	1CAF H0102 06000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	750	21	1CAF H0102 07500 230 B1000A 00000 00AAA
	5/8	15,9	4	102	1000	28	1CAF H0102 10000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	1250	35	1CAF H0102 12500 230 B1000A 00000 00AAA
	5/8	15,9	5	127	600	12	1CAF H0127 06000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	800	16	1CAF H0127 08000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	1000	21	1CAF H0127 10000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	1300	27	1CAF H0127 13000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	600	10	1CAF H0152 06000 230 B1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
 A = 6,3 mm B = 14,25 mm C = 9 mm D = 4,3 mm	5/8	15,9	6	152	800	13	1CAF H0152 08000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1000	16	1CAF H0152 10000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1250	20	1CAF H0152 12500 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1500	24	1CAF H0152 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1000	13	1CAF H0178 10000 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1250	17	1CAF H0178 12500 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1500	20	1CAF H0178 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	800	9	1CAF H0203 08000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1000	11	1CAF H0203 10000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1250	14	1CAF H0203 12500 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1500	17	1CAF H0203 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1750	20	1CAF H0203 17500 230 C1000A 00000 00AAA
	5/8	15,9	7	203	2000	23	1CAF H0203 20000 230 C1000A 00000 00AAA
	5/8	15,9	10	254	750	7	1CAF H0254 07500 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1000	9	1CAF H0254 10000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1300	11	1CAF H0254 13000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1600	14	1CAF H0254 16000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	2000	18	1CAF H0254 20000 230 C1000A 00000 00AAA
	5/8	15,9	12	305	750	5	1CAF H0305 07500 230 B1000A 00000 00AAA
	5/8	15,9	12	305	1000	7	1CAF H0305 10000 230 B1000A 00000 00AAA
	5/8	15,9	12	305	1600	11	1CAF H0305 16000 230 B1000A 00000 00AAA
	5/8	15,9	12	305	2000	14	1CAF H0305 20000 230 C1000A 00000 00AAA
	5/8	15,9	12	305	2500	18	1CAF H0305 25000 230 D1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

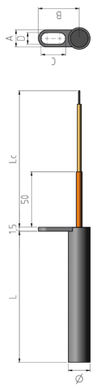
Mounting Clamp

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



A = 6,3 mm
B = 14,25 mm
C = 9 mm
D = 4,3 mm

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		16		40	200	46	1CAF I0040 02000 230 B1000A 00000 00AAA
		16		50	200	21	1CAF I0050 02000 230 B1000A 00000 00AAA
		16		50	250	26	1CAF I0050 02500 230 B1000A 00000 00AAA
		16		50	320	34	1CAF I0050 03200 230 B1000A 00000 00AAA
		16		50	400	42	1CAF I0050 04000 230 B1000A 00000 00AAA
		16		60	200	14	1CAF I0060 02000 230 B1000A 00000 00AAA
		16		60	250	17	1CAF I0060 02500 230 B1000A 00000 00AAA
		16		60	320	22	1CAF I0060 03200 230 B1000A 00000 00AAA
		16		60	400	27	1CAF I0060 04000 230 B1000A 00000 00AAA
		16		60	500	34	1CAF I0060 05000 230 B1000A 00000 00AAA
		16		60	650	44	1CAF I0060 06500 230 B1000A 00000 00AAA
		16		80	250	10	1CAF I0080 02500 230 B1000A 00000 00AAA
		16		80	320	13	1CAF I0080 03200 230 B1000A 00000 00AAA
		16		80	400	16	1CAF I0080 04000 230 B1000A 00000 00AAA
		16		80	500	20	1CAF I0080 05000 230 B1000A 00000 00AAA
		16		80	650	26	1CAF I0080 06500 230 B1000A 00000 00AAA
		16		80	800	32	1CAF I0080 08000 230 B1000A 00000 00AAA
		16		80	1000	40	1CAF I0080 10000 230 B1000A 00000 00AAA
		16		100	320	9	1CAF I0100 03200 230 B1000A 00000 00AAA
		16		100	400	11	1CAF I0100 04000 230 B1000A 00000 00AAA
		16		100	500	14	1CAF I0100 05000 230 B1000A 00000 00AAA
		16		100	650	18	1CAF I0100 06500 230 B1000A 00000 00AAA
		16		100	800	23	1CAF I0100 08000 230 B1000A 00000 00AAA
		16		100	1000	28	1CAF I0100 10000 230 B1000A 00000 00AAA
		16		100	1250	35	1CAF I0100 12500 230 B1000A 00000 00AAA
		16		130	400	8	1CAF I0130 04000 230 B1000A 00000 00AAA
		16		130	500	10	1CAF I0130 05000 230 B1000A 00000 00AAA
		16		130	650	13	1CAF I0130 06500 230 B1000A 00000 00AAA
		16		130	800	16	1CAF I0130 08000 230 B1000A 00000 00AAA
		16		130	1000	20	1CAF I0130 10000 230 B1000A 00000 00AAA
		16		130	1250	25	1CAF I0130 12500 230 B1000A 00000 00AAA
		16		160	500	8	1CAF I0160 05000 230 B1000A 00000 00AAA
		16		160	650	10	1CAF I0160 06500 230 B1000A 00000 00AAA
		16		160	800	12	1CAF I0160 08000 230 B1000A 00000 00AAA
		16		160	1000	15	1CAF I0160 10000 230 B1000A 00000 00AAA

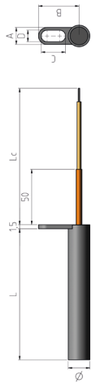


A = 6,3 mm
B = 14,25 mm
C = 9 mm
D = 4,3 mm

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		16		160	1250	19	1CAF I0160 12500 230 B1000A 00000 00AAA
		16		160	1600	24	1CAF I0160 16000 230 B1000A 00000 00AAA
		16		180	800	10	1CAF I0180 08000 230 B1000A 00000 00AAA
		16		180	1000	13	1CAF I0180 10000 230 B1000A 00000 00AAA
		16		180	1250	16	1CAF I0180 12500 230 B1000A 00000 00AAA
		16		180	1600	21	1CAF I0180 16000 230 B1000A 00000 00AAA
		16		200	500	6	1CAF I0200 05000 230 B1000A 00000 00AAA
		16		200	800	9	1CAF I0200 08000 230 B1000A 00000 00AAA
		16		200	1000	12	1CAF I0200 10000 230 B1000A 00000 00AAA
		16		200	1250	14	1CAF I0200 12500 230 B1000A 00000 00AAA
		16		200	1600	18	1CAF I0200 16000 230 B1000A 00000 00AAA
		16		200	2000	23	1CAF I0200 20000 230 C1000A 00000 00AAA
		16		250	500	4	1CAF I0250 05000 230 B1000A 00000 00AAA
		16		250	800	7	1CAF I0250 08000 230 B1000A 00000 00AAA
		16		250	1000	9	1CAF I0250 10000 230 B1000A 00000 00AAA
		16		250	1250	11	1CAF I0250 12500 230 B1000A 00000 00AAA
		16		250	1600	14	1CAF I0250 16000 230 B1000A 00000 00AAA
		16		250	2000	18	1CAF I0250 20000 230 C1000A 00000 00AAA
		16		300	800	6	1CAF I0300 08000 230 B1000A 00000 00AAA
		16		300	1000	7	1CAF I0300 10000 230 B1000A 00000 00AAA
		16		300	1250	9	1CAF I0300 12500 230 B1000A 00000 00AAA
		16		300	1600	12	1CAF I0300 16000 230 B1000A 00000 00AAA
		16		300	2000	14	1CAF I0300 20000 230 C1000A 00000 00AAA
		16		300	2500	18	1CAF I0300 25000 230 D1000A 00000 00AAA
		16		350	750	5	1CAF I0350 07500 230 B1000A 00000 00AAA
		16		350	1000	6	1CAF I0350 10000 230 B1000A 00000 00AAA
		16		350	1300	8	1CAF I0350 13000 230 B1000A 00000 00AAA
		16		350	1600	10	1CAF I0350 16000 230 B1000A 00000 00AAA
		16		350	2000	12	1CAF I0350 20000 230 C1000A 00000 00AAA
		16		350	2500	15	1CAF I0350 25000 230 D1000A 00000 00AAA
		16		400	1000	5	1CAF I0400 10000 230 B1000A 00000 00AAA
		16		400	1400	7	1CAF I0400 14000 230 B1000A 00000 00AAA
		16		400	2000	11	1CAF I0400 20000 230 C1000A 00000 00AAA
		16		400	2500	13	1CAF I0400 25000 230 D1000A 00000 00AAA

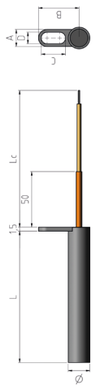
Mounting Clamp

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



A = 6,3 mm
B = 14,25 mm
C = 9 mm
D = 4,3 mm

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		20		60	320	19	1CAF J0060 03200 230 C1000A 00000 00AAA
		20		60	500	29	1CAF J0060 05000 230 C1000A 00000 00AAA
		20		60	800	47	1CAF J0060 08000 230 C1000A 00000 00AAA
		20		80	320	11	1CAF J0080 03200 230 C1000A 00000 00AAA
		20		80	500	17	1CAF J0080 05000 230 C1000A 00000 00AAA
		20		80	800	27	1CAF J0080 08000 230 C1000A 00000 00AAA
		20		80	1000	33	1CAF J0080 10000 230 C1000A 00000 00AAA
		20		80	1250	42	1CAF J0080 12500 230 C1000A 00000 00AAA
		20		100	500	12	1CAF J0100 05000 230 C1000A 00000 00AAA
		20		100	800	19	1CAF J0100 08000 230 C1000A 00000 00AAA
		20		100	1000	23	1CAF J0100 10000 230 C1000A 00000 00AAA
		20		100	1250	29	1CAF J0100 12500 230 C1000A 00000 00AAA
		20		100	1600	37	1CAF J0100 16000 230 C1000A 00000 00AAA
		20		130	650	10	1CAF J0130 06500 230 C1000A 00000 00AAA
		20		130	1000	16	1CAF J0130 10000 230 C1000A 00000 00AAA
		20		130	1250	20	1CAF J0130 12500 230 C1000A 00000 00AAA
		20		130	1600	26	1CAF J0130 16000 230 C1000A 00000 00AAA
		20		130	2000	32	1CAF J0130 20000 230 C1000A 00000 00AAA
		20		160	800	10	1CAF J0160 08000 230 C1000A 00000 00AAA
		20		160	1000	12	1CAF J0160 10000 230 C1000A 00000 00AAA



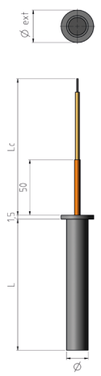
A = 6,3 mm
B = 14,25 mm
C = 9 mm
D = 4,3 mm

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		20		160	1250	15	1CAF J0160 12500 230 C1000A 00000 00AAA
		20		160	1600	20	1CAF J0160 16000 230 C1000A 00000 00AAA
		20		160	2000	25	1CAF J0160 20000 230 C1000A 00000 00AAA
		20		200	1000	9	1CAF J0200 10000 230 C1000A 00000 00AAA
		20		200	1600	15	1CAF J0200 16000 230 C1000A 00000 00AAA
		20		200	2000	19	1CAF J0200 20000 230 C1000A 00000 00AAA
		20		200	2500	23	1CAF J0200 25000 230 D1000A 00000 00AAA
		20		250	1000	7	1CAF J0250 10000 230 C1000A 00000 00AAA
		20		250	1250	9	1CAF J0250 12500 230 C1000A 00000 00AAA
		20		250	2000	14	1CAF J0250 20000 230 C1000A 00000 00AAA
		20		250	2500	18	1CAF J0250 25000 230 D1000A 00000 00AAA
		20		300	1600	9	1CAF J0300 16000 230 C1000A 00000 00AAA
		20		300	2200	13	1CAF J0300 22000 230 C1000A 00000 00AAA
		20		300	2500	15	1CAF J0300 25000 230 D1000A 00000 00AAA
		20		350	2000	10	1CAF J0350 20000 230 C1000A 00000 00AAA
		20		350	2500	12	1CAF J0350 25000 230 D1000A 00000 00AAA
		20		350	3000	15	1CAF J0350 30000 230 D1000A 00000 00AAA
		20		400	1600	7	1CAF J0400 16000 230 C1000A 00000 00AAA
		20		400	2500	11	1CAF J0400 25000 230 D1000A 00000 00AAA
		20		400	3000	13	1CAF J0400 30000 230 D1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

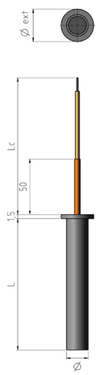
Locating Ring

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



Øext = 10 mm

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/4	6,35	1,25	32	100	37	1CAC A0032 01000 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	100	25	1CAC A0038 01000 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	150	37	1CAC A0038 01500 230 A1000A 00000 00AAA
	1/4	6,35	1,5	38	200	49	1CAC A0038 02000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	100	15	1CAC A0051 01000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	150	23	1CAC A0051 01500 230 A1000A 00000 00AAA
	1/4	6,35	2	51	200	30	1CAC A0051 02000 230 A1000A 00000 00AAA
	1/4	6,35	2	51	250	38	1CAC A0051 02500 230 A1000A 00000 00AAA
	1/4	6,35	2	51	300	45	1CAC A0051 03000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	150	16	1CAC A0064 01500 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	200	22	1CAC A0064 02000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	250	27	1CAC A0064 02500 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	300	32	1CAC A0064 03000 230 A1000A 00000 00AAA
	1/4	6,35	2,5	64	400	43	1CAC A0064 04000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	150	13	1CAC A0076 01500 230 A1000A 00000 00AAA
	1/4	6,35	3	76	200	17	1CAC A0076 02000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	250	21	1CAC A0076 02500 230 A1000A 00000 00AAA

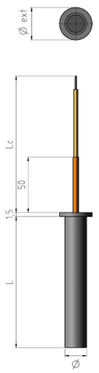


Øext = 10 mm

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/4	6,35	3	76	300	25	1CAC A0076 03000 230 A1000A 00000 00AAA
	1/4	6,35	3	76	400	34	1CAC A0076 04000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	200	14	1CAC A0089 02000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	300	21	1CAC A0089 03000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	400	28	1CAC A0089 04000 230 A1000A 00000 00AAA
	1/4	6,35	3,5	89	450	31	1CAC A0089 04500 230 A1000A 00000 00AAA
	1/4	6,35	4	102	175	10	1CAC A0102 01750 230 A1000A 00000 00AAA
	1/4	6,35	4	102	250	15	1CAC A0102 02500 230 A1000A 00000 00AAA
	1/4	6,35	4	102	300	18	1CAC A0102 03000 230 A1000A 00000 00AAA
	1/4	6,35	4	102	350	21	1CAC A0102 03500 230 A1000A 00000 00AAA
	1/4	6,35	5	127	300	13	1CAC A0127 03000 230 A1000A 00000 00AAA
	1/4	6,35	5	127	350	16	1CAC A0127 03500 230 A1000A 00000 00AAA
	1/4	6,35	5	127	400	18	1CAC A0127 04000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	300	11	1CAC A0152 03000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	400	15	1CAC A0152 04000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	500	18	1CAC A0152 05000 230 A1000A 00000 00AAA
	1/4	6,35	6	152	600	22	1CAC A0152 06000 230 A1000A 00000 00AAA

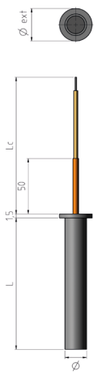
Locating Ring

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



Øext = 10 mm

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		6,5		30	100	40	1CAC B0030 01000 230 A1000A 00000 00AAA
		6,5		40	100	22	1CAC B0040 01000 230 A1000A 00000 00AAA
		6,5		40	125	27	1CAC B0040 01250 230 A1000A 00000 00AAA
		6,5		40	160	35	1CAC B0040 01600 230 A1000A 00000 00AAA
		6,5		40	180	39	1CAC B0040 01800 230 A1000A 00000 00AAA
		6,5		40	200	44	1CAC B0040 02000 230 A1000A 00000 00AAA
		6,5		50	100	15	1CAC B0050 01000 230 A1000A 00000 00AAA
		6,5		50	125	19	1CAC B0050 01250 230 A1000A 00000 00AAA
		6,5		50	160	24	1CAC B0050 01600 230 A1000A 00000 00AAA
		6,5		50	200	30	1CAC B0050 02000 230 A1000A 00000 00AAA
		6,5		50	250	37	1CAC B0050 02500 230 A1000A 00000 00AAA
		6,5		60	125	14	1CAC B0060 01250 230 A1000A 00000 00AAA
		6,5		60	160	18	1CAC B0060 01600 230 A1000A 00000 00AAA
		6,5		60	180	21	1CAC B0060 01800 230 A1000A 00000 00AAA
		6,5		60	200	23	1CAC B0060 02000 230 A1000A 00000 00AAA
		6,5		60	250	28	1CAC B0060 02500 230 A1000A 00000 00AAA
		6,5		60	320	36	1CAC B0060 03200 230 A1000A 00000 00AAA
		6,5		80	125	10	1CAC B0080 01250 230 A1000A 00000 00AAA
		6,5		80	160	12	1CAC B0080 01600 230 A1000A 00000 00AAA
		6,5		80	180	14	1CAC B0080 01800 230 A1000A 00000 00AAA
		6,5		80	200	15	1CAC B0080 02000 230 A1000A 00000 00AAA
		6,5		80	250	19	1CAC B0080 02500 230 A1000A 00000 00AAA



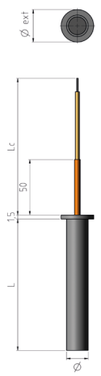
Øext = 10 mm

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		6,5		80	320	25	1CAC B0080 03200 230 A1000A 00000 00AAA
		6,5		80	350	27	1CAC B0080 03500 230 A1000A 00000 00AAA
		6,5		100	125	7	1CAC B0100 01250 230 A1000A 00000 00AAA
		6,5		100	160	9	1CAC B0100 01600 230 A1000A 00000 00AAA
		6,5		100	200	12	1CAC B0100 02000 230 A1000A 00000 00AAA
		6,5		100	250	15	1CAC B0100 02500 230 A1000A 00000 00AAA
		6,5		100	320	19	1CAC B0100 03200 230 A1000A 00000 00AAA
		6,5		100	350	20	1CAC B0100 03500 230 A1000A 00000 00AAA
		6,5		100	400	23	1CAC B0100 04000 230 A1000A 00000 00AAA
		6,5		130	150	6	1CAC B0130 01500 230 A1000A 00000 00AAA
		6,5		130	200	9	1CAC B0130 02000 230 A1000A 00000 00AAA
		6,5		130	250	11	1CAC B0130 02500 230 A1000A 00000 00AAA
		6,5		130	300	13	1CAC B0130 03000 230 A1000A 00000 00AAA
		6,5		130	350	15	1CAC B0130 03500 230 A1000A 00000 00AAA
		6,5		130	400	17	1CAC B0130 04000 230 A1000A 00000 00AAA
		6,5		160	200	7	1CAC B0160 02000 230 A1000A 00000 00AAA
		6,5		160	250	8	1CAC B0160 02500 230 A1000A 00000 00AAA
		6,5		160	300	10	1CAC B0160 03000 230 A1000A 00000 00AAA
		6,5		160	350	12	1CAC B0160 03500 230 A1000A 00000 00AAA
		6,5		160	400	13	1CAC B0160 04000 230 A1000A 00000 00AAA
		6,5		160	450	15	1CAC B0160 04500 230 A1000A 00000 00AAA
		6,5		160	500	17	1CAC B0160 05000 230 A1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

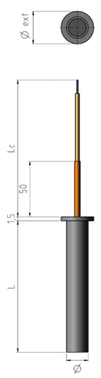
Locating Ring

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



Øext = 10 mm

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		8		30	100	36	1CAC C0030 01000 230 A1000A 00000 00AAB
		8		30	125	45	1CAC C0030 01250 230 A1000A 00000 00AAB
		8		40	100	19	1CAC C0040 01000 230 A1000A 00000 00AAB
		8		40	125	23	1CAC C0040 01250 230 A1000A 00000 00AAB
		8		40	140	26	1CAC C0040 01400 230 A1000A 00000 00AAB
		8		40	160	30	1CAC C0040 01600 230 A1000A 00000 00AAB
		8		40	200	37	1CAC C0040 02000 230 A1000A 00000 00AAB
		8		40	250	46	1CAC C0040 02500 230 A1000A 00000 00AAB
		8		50	125	16	1CAC C0050 01250 230 A1000A 00000 00AAB
		8		50	160	20	1CAC C0050 01600 230 A1000A 00000 00AAB
		8		50	200	25	1CAC C0050 02000 230 A1000A 00000 00AAB
		8		50	250	31	1CAC C0050 02500 230 A1000A 00000 00AAB
		8		50	320	40	1CAC C0050 03200 230 A1000A 00000 00AAB
		8		60	125	12	1CAC C0060 01250 230 A1000A 00000 00AAB
		8		60	160	15	1CAC C0060 01600 230 A1000A 00000 00AAB
		8		60	200	19	1CAC C0060 02000 230 A1000A 00000 00AAB
		8		60	250	24	1CAC C0060 02500 230 A1000A 00000 00AAB
		8		60	280	27	1CAC C0060 02800 230 A1000A 00000 00AAB
		8		60	320	30	1CAC C0060 03200 230 A1000A 00000 00AAB
		8		60	400	38	1CAC C0060 04000 230 A1000A 00000 00AAB
		8		80	160	10	1CAC C0080 01600 230 A1000A 00000 00AAB

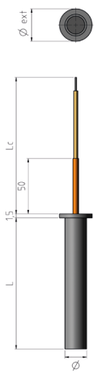


Øext = 10 mm

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		8		80	200	13	1CAC C0080 02000 230 A1000A 00000 00AAB
		8		80	250	16	1CAC C0080 02500 230 A1000A 00000 00AAB
		8		80	280	18	1CAC C0080 02800 230 A1000A 00000 00AAB
		8		80	320	20	1CAC C0080 03200 230 A1000A 00000 00AAB
		8		80	400	25	1CAC C0080 04000 230 A1000A 00000 00AAB
		8		80	400	25	1CAC C0080 04000 230 A1000A 00000 00AAB
		8		100	160	8	1CAC C0100 01600 230 A1000A 00000 00AAB
		8		100	200	10	1CAC C0100 02000 230 A1000A 00000 00AAB
		8		100	250	12	1CAC C0100 02500 230 A1000A 00000 00AAB
		8		100	280	13	1CAC C0100 02800 230 A1000A 00000 00AAB
		8		100	320	15	1CAC C0100 03200 230 A1000A 00000 00AAB
		8		100	400	19	1CAC C0100 04000 230 A1000A 00000 00AAB
		8		130	200	7	1CAC C0130 02000 230 A1000A 00000 00AAB
		8		130	250	9	1CAC C0130 02500 230 A1000A 00000 00AAB
		8		130	320	11	1CAC C0130 03200 230 A1000A 00000 00AAB
		8		130	400	14	1CAC C0130 04000 230 A1000A 00000 00AAB
		8		160	250	7	1CAC C0160 02500 230 A1000A 00000 00AAB
		8		160	320	9	1CAC C0160 03200 230 A1000A 00000 00AAB
		8		160	450	12	1CAC C0160 04500 230 A1000A 00000 00AAB
		8		160	500	14	1CAC C0160 05000 230 A1000A 00000 00AAB
		8		160	600	17	1CAC C0160 06000 230 A1000A 00000 00AAB

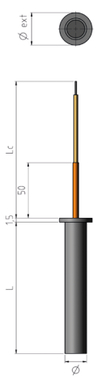
Locating Ring

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



Øext = 10 mm

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	3/8	9,52	1,25	32	100	28	1CAC D0032 01000 230 A1000A 00000 00AAA
	3/8	9,52	1,25	32	125	35	1CAC D0032 01250 230 A1000A 00000 00AAA
	3/8	9,52	1,25	32	150	42	1CAC D0032 01500 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	100	18	1CAC D0038 01000 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	150	27	1CAC D0038 01500 230 A1000A 00000 00AAA
	3/8	9,52	1,5	38	200	36	1CAC D0038 02000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	100	11	1CAC D0051 01000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	150	16	1CAC D0051 01500 230 A1000A 00000 00AAA
	3/8	9,52	2	51	200	21	1CAC D0051 02000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	300	32	1CAC D0051 03000 230 A1000A 00000 00AAA
	3/8	9,52	2	51	400	43	1CAC D0051 04000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	100	8	1CAC D0064 01000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	200	15	1CAC D0064 02000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	300	23	1CAC D0064 03000 230 A1000A 00000 00AAA
	3/8	9,52	2,5	64	400	30	1CAC D0064 04000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	150	9	1CAC D0076 01500 230 A1000A 00000 00AAA
	3/8	9,52	3	76	200	12	1CAC D0076 02000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	300	17	1CAC D0076 03000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	400	23	1CAC D0076 04000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	500	29	1CAC D0076 05000 230 A1000A 00000 00AAA
	3/8	9,52	3	76	600	35	1CAC D0076 06000 230 A1000A 00000 00AAA
	3/8	9,52	3,5	89	300	14	1CAC D0089 03000 230 A1000A 00000 00AAA
	3/8	9,52	3,5	89	400	19	1CAC D0089 04000 230 A1000A 00000 00AAA
	3/8	9,52	3,5	89	500	24	1CAC D0089 05000 230 A1000A 00000 00AAA



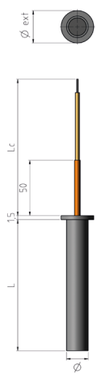
Øext = 10 mm

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	3/8	9,52	3,5	89	500	24	1CAC D0089 05000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	200	8	1CAC D0102 02000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	300	12	1CAC D0102 03000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	400	16	1CAC D0102 04000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	500	20	1CAC D0102 05000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	600	24	1CAC D0102 06000 230 A1000A 00000 00AAA
	3/8	9,52	4	102	750	30	1CAC D0102 07500 230 A1000A 00000 00AAA
	3/8	9,52	5	127	400	12	1CAC D0127 04000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	500	15	1CAC D0127 05000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	800	24	1CAC D0127 08000 230 A1000A 00000 00AAA
	3/8	9,52	5	127	1000	31	1CAC D0127 10000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	400	10	1CAC D0152 04000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	500	12	1CAC D0152 05000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	600	15	1CAC D0152 06000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	800	20	1CAC D0152 08000 230 A1000A 00000 00AAA
	3/8	9,52	6	152	1000	25	1CAC D0152 10000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	500	10	1CAC D0178 05000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	600	12	1CAC D0178 06000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	800	17	1CAC D0178 08000 230 A1000A 00000 00AAA
	3/8	9,52	7	178	1000	21	1CAC D0178 10000 230 A1000A 00000 00AAA
	3/8	9,52	8	203	600	11	1CAC D0203 06000 230 A1000A 00000 00AAA
	3/8	9,52	8	203	800	14	1CAC D0203 08000 230 A1000A 00000 00AAA
	3/8	9,52	8	203	1000	18	1CAC D0203 10000 230 A1000A 00000 00AAA

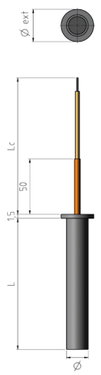
Zoppas Industries
Heating Element Technologies

Locating Ring

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



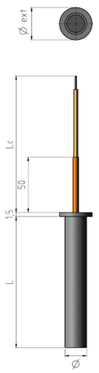
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
Øext = 10 mm		10		30	100	33	1CAC E0030 01000 230 A1000A 00000 00AAA
		10		30	125	42	1CAC E0030 01250 230 A1000A 00000 00AAA
		10		30	150	50	1CAC E0030 01500 230 A1000A 00000 00AAA
		10		40	100	16	1CAC E0040 01000 230 A1000A 00000 00AAA
		10		40	125	20	1CAC E0040 01250 230 A1000A 00000 00AAA
		10		40	160	26	1CAC E0040 01600 230 A1000A 00000 00AAA
		10		40	200	32	1CAC E0040 02000 230 A1000A 00000 00AAA
		10		40	250	40	1CAC E0040 02500 230 A1000A 00000 00AAA
		10		50	100	11	1CAC E0050 01000 230 A1000A 00000 00AAA
		10		50	125	13	1CAC E0050 01250 230 A1000A 00000 00AAA
		10		50	160	17	1CAC E0050 01600 230 A1000A 00000 00AAA
		10		50	200	21	1CAC E0050 02000 230 A1000A 00000 00AAA
		10		50	250	26	1CAC E0050 02500 230 A1000A 00000 00AAA
		10		50	320	34	1CAC E0050 03200 230 A1000A 00000 00AAA
		10		50	400	42	1CAC E0050 04000 230 A1000A 00000 00AAA
		10		60	160	13	1CAC E0060 01600 230 A1000A 00000 00AAA
		10		60	200	16	1CAC E0060 02000 230 A1000A 00000 00AAA
		10		60	250	20	1CAC E0060 02500 230 A1000A 00000 00AAA
		10		60	320	25	1CAC E0060 03200 230 A1000A 00000 00AAA
		10		60	400	32	1CAC E0060 04000 230 A1000A 00000 00AAA
		10		60	500	39	1CAC E0060 05000 230 A1000A 00000 00AAA
		10		80	160	8	1CAC E0080 01600 230 A1000A 00000 00AAA
		10		80	200	10	1CAC E0080 02000 230 A1000A 00000 00AAA
		10		80	250	13	1CAC E0080 02500 230 A1000A 00000 00AAA
		10		80	320	17	1CAC E0080 03200 230 A1000A 00000 00AAA
		10		80	400	21	1CAC E0080 04000 230 A1000A 00000 00AAA
		10		80	500	26	1CAC E0080 05000 230 A1000A 00000 00AAA



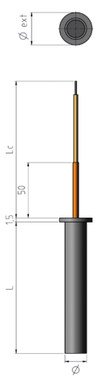
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
Øext = 10 mm		10		80	650	34	1CAC E0080 06500 230 A1000A 00000 00AAA
		10		100	150	6	1CAC E0100 01500 230 A1000A 00000 00AAA
		10		100	200	8	1CAC E0100 02000 230 A1000A 00000 00AAA
		10		100	250	10	1CAC E0100 02500 230 A1000A 00000 00AAA
		10		100	350	14	1CAC E0100 03500 230 A1000A 00000 00AAA
		10		100	400	16	1CAC E0100 04000 230 A1000A 00000 00AAA
		10		100	500	20	1CAC E0100 05000 230 A1000A 00000 00AAA
		10		100	650	25	1CAC E0100 06500 230 A1000A 00000 00AAA
		10		100	850	33	1CAC E0100 08500 230 A1000A 00000 00AAA
		10		130	250	7	1CAC E0130 02500 230 A1000A 00000 00AAA
		10		130	320	9	1CAC E0130 03200 230 A1000A 00000 00AAA
		10		130	400	11	1CAC E0130 04000 230 A1000A 00000 00AAA
		10		130	500	14	1CAC E0130 05000 230 A1000A 00000 00AAA
		10		130	650	18	1CAC E0130 06500 230 A1000A 00000 00AAA
		10		130	800	23	1CAC E0130 08000 230 A1000A 00000 00AAA
		10		160	400	9	1CAC E0160 04000 230 A1000A 00000 00AAA
		10		160	500	11	1CAC E0160 05000 230 A1000A 00000 00AAA
		10		160	650	14	1CAC E0160 06500 230 A1000A 00000 00AAA
		10		160	800	18	1CAC E0160 08000 230 A1000A 00000 00AAA
		10		200	400	7	1CAC E0200 04000 230 A1000A 00000 00AAA
		10		200	500	9	1CAC E0200 05000 230 A1000A 00000 00AAA
		10		200	650	11	1CAC E0200 06500 230 A1000A 00000 00AAA
		10		200	800	14	1CAC E0200 08000 230 A1000A 00000 00AAA
		10		200	1000	17	1CAC E0200 10000 230 A1000A 00000 00AAA
		10		250	500	7	1CAC E0250 05000 230 A1000A 00000 00AAA
		10		250	650	9	1CAC E0250 06500 230 A1000A 00000 00AAA
		10		250	800	11	1CAC E0250 08000 230 A1000A 00000 00AAA
		10		250	1000	14	1CAC E0250 10000 230 A1000A 00000 00AAA

Locating Ring

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
Øext = 10 mm		12,5		40	125	19	1CAC F0040 01250 230 B1000A 00000 00AAA
		12,5		40	160	24	1CAC F0040 01600 230 B1000A 00000 00AAA
		12,5		40	200	30	1CAC F0040 02000 230 B1000A 00000 00AAA
		12,5		40	250	38	1CAC F0040 02500 230 B1000A 00000 00AAA
		12,5		40	320	48	1CAC F0040 03200 230 B1000A 00000 00AAA
		12,5		50	160	15	1CAC F0050 01600 230 B1000A 00000 00AAA
		12,5		50	200	19	1CAC F0050 02000 230 B1000A 00000 00AAA
		12,5		50	250	24	1CAC F0050 02500 230 B1000A 00000 00AAA
		12,5		50	320	30	1CAC F0050 03200 230 B1000A 00000 00AAA
		12,5		50	400	38	1CAC F0050 04000 230 B1000A 00000 00AAA
		12,5		50	500	47	1CAC F0050 05000 230 B1000A 00000 00AAA
		12,5		60	160	11	1CAC F0060 01600 230 B1000A 00000 00AAA
		12,5		60	200	14	1CAC F0060 02000 230 B1000A 00000 00AAA
		12,5		60	250	17	1CAC F0060 02500 230 B1000A 00000 00AAA
		12,5		60	320	22	1CAC F0060 03200 230 B1000A 00000 00AAA
		12,5		60	400	27	1CAC F0060 04000 230 B1000A 00000 00AAA
		12,5		60	500	34	1CAC F0060 05000 230 B1000A 00000 00AAA
		12,5		60	600	41	1CAC F0060 06000 230 B1000A 00000 00AAA
		12,5		80	160	7	1CAC F0080 01600 230 B1000A 00000 00AAA
		12,5		80	200	9	1CAC F0080 02000 230 B1000A 00000 00AAA
		12,5		80	250	11	1CAC F0080 02500 230 B1000A 00000 00AAA
		12,5		80	320	14	1CAC F0080 03200 230 B1000A 00000 00AAA
		12,5		80	400	18	1CAC F0080 04000 230 B1000A 00000 00AAA
		12,5		80	500	22	1CAC F0080 05000 230 B1000A 00000 00AAA
		12,5		80	650	29	1CAC F0080 06500 230 B1000A 00000 00AAA
		12,5		80	800	35	1CAC F0080 08000 230 B1000A 00000 00AAA
		12,5		100	250	8	1CAC F0100 02500 230 B1000A 00000 00AAA
		12,5		100	320	10	1CAC F0100 03200 230 B1000A 00000 00AAA
		12,5		100	400	13	1CAC F0100 04000 230 B1000A 00000 00AAA
		12,5		100	500	16	1CAC F0100 05000 230 B1000A 00000 00AAA
		12,5		100	650	21	1CAC F0100 06500 230 B1000A 00000 00AAA
		12,5		100	800	26	1CAC F0100 08000 230 B1000A 00000 00AAA
		12,5		100	1000	33	1CAC F0100 10000 230 B1000A 00000 00AAA
		12,5		130	250	6	1CAC F0130 02500 230 B1000A 00000 00AAA

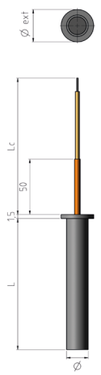


Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
Øext = 10 mm		12,5		130	320	7	1CAC F0130 03200 230 B1000A 00000 00AAA
		12,5		130	400	9	1CAC F0130 04000 230 B1000A 00000 00AAA
		12,5		130	500	12	1CAC F0130 05000 230 B1000A 00000 00AAA
		12,5		130	650	15	1CAC F0130 06500 230 B1000A 00000 00AAA
		12,5		130	800	19	1CAC F0130 08000 230 B1000A 00000 00AAA
		12,5		130	1000	23	1CAC F0130 10000 230 B1000A 00000 00AAA
		12,5		130	1250	29	1CAC F0130 12500 230 B1000A 00000 00AAA
		12,5		160	500	9	1CAC F0160 05000 230 B1000A 00000 00AAA
		12,5		160	650	12	1CAC F0160 06500 230 B1000A 00000 00AAA
		12,5		160	800	15	1CAC F0160 08000 230 B1000A 00000 00AAA
		12,5		160	1000	18	1CAC F0160 10000 230 B1000A 00000 00AAA
		12,5		160	1300	24	1CAC F0160 13000 230 B1000A 00000 00AAA
		12,5		180	600	10	1CAC F0180 06000 230 B1000A 00000 00AAA
		12,5		180	750	12	1CAC F0180 07500 230 B1000A 00000 00AAA
		12,5		180	1000	16	1CAC F0180 10000 230 B1000A 00000 00AAA
		12,5		180	1300	21	1CAC F0180 13000 230 B1000A 00000 00AAA
		12,5		200	650	9	1CAC F0200 06500 230 B1000A 00000 00AAA
		12,5		200	800	11	1CAC F0200 08000 230 B1000A 00000 00AAA
		12,5		200	1000	14	1CAC F0200 10000 230 B1000A 00000 00AAA
		12,5		200	1250	18	1CAC F0200 12500 230 B1000A 00000 00AAA
		12,5		200	1500	21	1CAC F0200 15000 230 B1000A 00000 00AAA
		12,5		250	800	9	1CAC F0250 08000 230 B1000A 00000 00AAA
		12,5		250	1000	11	1CAC F0250 10000 230 B1000A 00000 00AAA
		12,5		250	1250	14	1CAC F0250 12500 230 B1000A 00000 00AAA
		12,5		250	1500	16	1CAC F0250 15000 230 B1000A 00000 00AAA
		12,5		250	2000	22	1CAC F0250 20000 230 C1000A 00000 00AAA
		12,5		250	2500	27	1CAC F0250 25000 230 D1000A 00000 00AAA
		12,5		300	600	5	1CAC F0300 06000 230 B1000A 00000 00AAA
		12,5		300	800	7	1CAC F0300 08000 230 B1000A 00000 00AAA
		12,5		300	1000	9	1CAC F0300 10000 230 B1000A 00000 00AAA
		12,5		300	1300	12	1CAC F0300 13000 230 B1000A 00000 00AAA
		12,5		300	1600	14	1CAC F0300 16000 230 B1000A 00000 00AAA
		12,5		300	2000	18	1CAC F0300 20000 230 C1000A 00000 00AAA
		12,5		300	2500	22	1CAC F0300 25000 230 D1000A 00000 00AAA

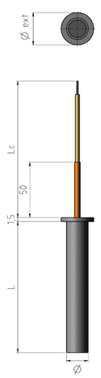
Zoppas Industries
Heating Element Technologies

Locating Ring

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



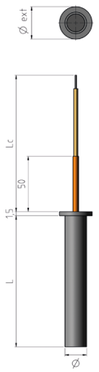
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/2	12,7	1,25	32	100	29	1CAC G0032 01000 230 B1000A 00000 00AAA
	1/2	12,7	1,25	32	125	37	1CAC G0032 01250 230 B1000A 00000 00AAA
	1/2	12,7	1,25	32	150	44	1CAC G0032 01500 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	175	29	1CAC G0038 01750 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	200	33	1CAC G0038 02000 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	250	41	1CAC G0038 02500 230 B1000A 00000 00AAA
	1/2	12,7	1,5	38	300	50	1CAC G0038 03000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	200	18	1CAC G0051 02000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	250	22	1CAC G0051 02500 230 B1000A 00000 00AAA
	1/2	12,7	2	51	300	27	1CAC G0051 03000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	400	36	1CAC G0051 04000 230 B1000A 00000 00AAA
	1/2	12,7	2	51	500	45	1CAC G0051 05000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	250	15	1CAC G0064 02500 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	300	18	1CAC G0064 03000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	400	24	1CAC G0064 04000 230 B1000A 00000 00AAA
	1/2	12,7	2,5	64	500	30	1CAC G0064 05000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	250	12	1CAC G0076 02500 230 B1000A 00000 00AAA
	1/2	12,7	3	76	300	14	1CAC G0076 03000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	400	18	1CAC G0076 04000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	500	23	1CAC G0076 05000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	600	28	1CAC G0076 06000 230 B1000A 00000 00AAA
	1/2	12,7	3	76	750	35	1CAC G0076 07500 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	300	11	1CAC G0089 03000 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	350	13	1CAC G0089 03500 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	500	19	1CAC G0089 05000 230 B1000A 00000 00AAA
	1/2	12,7	3,5	89	750	28	1CAC G0089 07500 230 B1000A 00000 00AAA
	1/2	12,7	4	102	350	11	1CAC G0102 03500 230 B1000A 00000 00AAA
	1/2	12,7	4	102	400	12	1CAC G0102 04000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	500	16	1CAC G0102 05000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	600	19	1CAC G0102 06000 230 B1000A 00000 00AAA
	1/2	12,7	4	102	800	25	1CAC G0102 08000 230 B1000A 00000 00AAA
Øext = 10 mm	1/2	12,7	4	102	1000	31	1CAC G0102 10000 230 B1000A 00000 00AAA



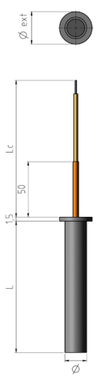
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	1/2	12,7	5	127	350	8	1CAC G0127 03500 230 B1000A 00000 00AAA
	1/2	12,7	5	127	400	9	1CAC G0127 04000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	500	12	1CAC G0127 05000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	600	14	1CAC G0127 06000 230 B1000A 00000 00AAA
	1/2	12,7	5	127	750	18	1CAC G0127 07500 230 B1000A 00000 00AAA
	1/2	12,7	5	127	1000	24	1CAC G0127 10000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	400	8	1CAC G0152 04000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	500	9	1CAC G0152 05000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	600	11	1CAC G0152 06000 230 B1000A 00000 00AAA
	1/2	12,7	6	152	750	14	1CAC G0152 07500 230 B1000A 00000 00AAA
	1/2	12,7	6	152	1000	19	1CAC G0152 10000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	500	8	1CAC G0178 05000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	800	13	1CAC G0178 08000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	1000	16	1CAC G0178 10000 230 B1000A 00000 00AAA
	1/2	12,7	7	178	1500	24	1CAC G0178 15000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	600	8	1CAC G0203 06000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	800	11	1CAC G0203 08000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	1000	14	1CAC G0203 10000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	1500	20	1CAC G0203 15000 230 B1000A 00000 00AAA
	1/2	12,7	8	203	2000	27	1CAC G0203 20000 230 C1000A 00000 00AAA
	1/2	12,7	9	229	1000	12	1CAC G0229 10000 230 B1000A 00000 00AAA
	1/2	12,7	9	229	1500	18	1CAC G0229 15000 230 B1000A 00000 00AAA
	1/2	12,7	9	229	2000	24	1CAC G0229 20000 230 C1000A 00000 00AAA
	1/2	12,7	10	254	800	8	1CAC G0254 08000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	1000	11	1CAC G0254 10000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	1500	16	1CAC G0254 15000 230 B1000A 00000 00AAA
	1/2	12,7	10	254	2000	21	1CAC G0254 20000 230 C1000A 00000 00AAA
	1/2	12,7	12	305	750	7	1CAC G0305 07500 230 B1000A 00000 00AAA
	1/2	12,7	12	305	1000	9	1CAC G0305 10000 230 B1000A 00000 00AAA
	1/2	12,7	12	305	1500	13	1CAC G0305 15000 230 B1000A 00000 00AAA
Øext = 10 mm	1/2	12,7	12	305	2000	17	1CAC G0305 20000 230 C1000A 00000 00AAA

Locating Ring

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)



Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	5/8	15,9	2	51	200	21	1CAC H0051 02000 230 B1000A 00000 00AAA
	5/8	15,9	2	51	300	31	1CAC H0051 03000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	250	15	1CAC H0064 02500 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	300	18	1CAC H0064 03000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	400	25	1CAC H0064 04000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	500	31	1CAC H0064 05000 230 B1000A 00000 00AAA
	5/8	15,9	2,5	64	750	46	1CAC H0064 07500 230 B1000A 00000 00AAA
	5/8	15,9	3	76	300	13	1CAC H0076 03000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	400	18	1CAC H0076 04000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	500	22	1CAC H0076 05000 230 B1000A 00000 00AAA
	5/8	15,9	3	76	750	33	1CAC H0076 07500 230 B1000A 00000 00AAA
	5/8	15,9	3	76	1000	44	1CAC H0076 10000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	400	11	1CAC H0102 04000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	500	14	1CAC H0102 05000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	600	17	1CAC H0102 06000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	750	21	1CAC H0102 07500 230 B1000A 00000 00AAA
	5/8	15,9	4	102	1000	28	1CAC H0102 10000 230 B1000A 00000 00AAA
	5/8	15,9	4	102	1250	35	1CAC H0102 12500 230 B1000A 00000 00AAA
	5/8	15,9	5	127	600	12	1CAC H0127 06000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	800	16	1CAC H0127 08000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	1000	21	1CAC H0127 10000 230 B1000A 00000 00AAA
	5/8	15,9	5	127	1300	27	1CAC H0127 13000 230 B1000A 00000 00AAA
Øext = 10 mm	5/8	15,9	6	152	600	10	1CAC H0152 06000 230 B1000A 00000 00AAA

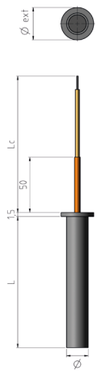


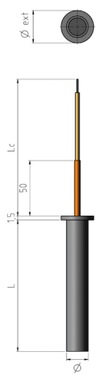
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
	5/8	15,9	6	152	800	13	1CAC H0152 08000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1000	16	1CAC H0152 10000 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1250	20	1CAC H0152 12500 230 B1000A 00000 00AAA
	5/8	15,9	6	152	1500	24	1CAC H0152 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1000	13	1CAC H0178 10000 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1250	17	1CAC H0178 12500 230 B1000A 00000 00AAA
	5/8	15,9	7	178	1500	20	1CAC H0178 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	800	9	1CAC H0203 08000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1000	11	1CAC H0203 10000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1250	14	1CAC H0203 12500 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1500	17	1CAC H0203 15000 230 B1000A 00000 00AAA
	5/8	15,9	7	203	1750	20	1CAC H0203 17500 230 C1000A 00000 00AAA
	5/8	15,9	7	203	2000	23	1CAC H0203 20000 230 C1000A 00000 00AAA
	5/8	15,9	10	254	750	7	1CAC H0254 07500 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1000	9	1CAC H0254 10000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1300	11	1CAC H0254 13000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	1600	14	1CAC H0254 16000 230 B1000A 00000 00AAA
	5/8	15,9	10	254	2000	18	1CAC H0254 20000 230 C1000A 00000 00AAA
	5/8	15,9	12	305	750	5	1CAC H0305 07500 230 B1000A 00000 00AAA
	5/8	15,9	12	305	1000	7	1CAC H0305 10000 230 B1000A 00000 00AAA
	5/8	15,9	12	305	1600	11	1CAC H0305 16000 230 B1000A 00000 00AAA
	5/8	15,9	12	305	2000	14	1CAC H0305 20000 230 C1000A 00000 00AAA
Øext = 10 mm	5/8	15,9	12	305	2500	18	1CAC H0305 25000 230 D1000A 00000 00AAA

Zoppas Industries
Heating Element Technologies

Locating Ring

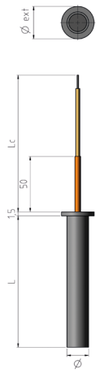
Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

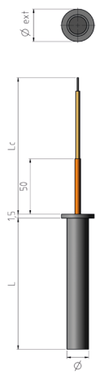
Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		16		40	200	46	1CAC I0040 02000 230 B1000A 00000 00AAA
		16		50	200	21	1CAC I0050 02000 230 B1000A 00000 00AAA
		16		50	250	26	1CAC I0050 02500 230 B1000A 00000 00AAA
		16		50	320	34	1CAC I0050 03200 230 B1000A 00000 00AAA
		16		50	400	42	1CAC I0050 04000 230 B1000A 00000 00AAA
		16		60	200	14	1CAC I0060 02000 230 B1000A 00000 00AAA
		16		60	250	17	1CAC I0060 02500 230 B1000A 00000 00AAA
		16		60	320	22	1CAC I0060 03200 230 B1000A 00000 00AAA
		16		60	400	27	1CAC I0060 04000 230 B1000A 00000 00AAA
		16		60	500	34	1CAC I0060 05000 230 B1000A 00000 00AAA
		16		60	650	44	1CAC I0060 06500 230 B1000A 00000 00AAA
		16		80	250	10	1CAC I0080 02500 230 B1000A 00000 00AAA
		16		80	320	13	1CAC I0080 03200 230 B1000A 00000 00AAA
		16		80	400	16	1CAC I0080 04000 230 B1000A 00000 00AAA
		16		80	500	20	1CAC I0080 05000 230 B1000A 00000 00AAA
		16		80	650	26	1CAC I0080 06500 230 B1000A 00000 00AAA
		16		80	800	32	1CAC I0080 08000 230 B1000A 00000 00AAA
		16		80	1000	40	1CAC I0080 10000 230 B1000A 00000 00AAA
		16		100	320	9	1CAC I0100 03200 230 B1000A 00000 00AAA
		16		100	400	11	1CAC I0100 04000 230 B1000A 00000 00AAA
		16		100	500	14	1CAC I0100 05000 230 B1000A 00000 00AAA
		16		100	650	18	1CAC I0100 06500 230 B1000A 00000 00AAA
		16		100	800	23	1CAC I0100 08000 230 B1000A 00000 00AAA
		16		100	1000	28	1CAC I0100 10000 230 B1000A 00000 00AAA
		16		100	1250	35	1CAC I0100 12500 230 B1000A 00000 00AAA
		16		130	400	8	1CAC I0130 04000 230 B1000A 00000 00AAA
		16		130	500	10	1CAC I0130 05000 230 B1000A 00000 00AAA
		16		130	650	13	1CAC I0130 06500 230 B1000A 00000 00AAA
		16		130	800	16	1CAC I0130 08000 230 B1000A 00000 00AAA
		16		130	1000	20	1CAC I0130 10000 230 B1000A 00000 00AAA
		16		130	1250	25	1CAC I0130 12500 230 B1000A 00000 00AAA
		16		160	500	8	1CAC I0160 05000 230 B1000A 00000 00AAA
		16		160	650	10	1CAC I0160 06500 230 B1000A 00000 00AAA
		16		160	800	12	1CAC I0160 08000 230 B1000A 00000 00AAA
Øext = 10 mm		16		160	1000	15	1CAC I0160 10000 230 B1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		16		160	1250	19	1CAC I0160 12500 230 B1000A 00000 00AAA
		16		160	1600	24	1CAC I0160 16000 230 B1000A 00000 00AAA
		16		180	800	10	1CAC I0180 08000 230 B1000A 00000 00AAA
		16		180	1000	13	1CAC I0180 10000 230 B1000A 00000 00AAA
		16		180	1250	16	1CAC I0180 12500 230 B1000A 00000 00AAA
		16		180	1600	21	1CAC I0180 16000 230 B1000A 00000 00AAA
		16		200	500	6	1CAC I0200 05000 230 B1000A 00000 00AAA
		16		200	800	9	1CAC I0200 08000 230 B1000A 00000 00AAA
		16		200	1000	12	1CAC I0200 10000 230 B1000A 00000 00AAA
		16		200	1250	14	1CAC I0200 12500 230 B1000A 00000 00AAA
		16		200	1600	18	1CAC I0200 16000 230 B1000A 00000 00AAA
		16		200	2000	23	1CAC I0200 20000 230 C1000A 00000 00AAA
		16		250	500	4	1CAC I0250 05000 230 B1000A 00000 00AAA
		16		250	800	7	1CAC I0250 08000 230 B1000A 00000 00AAA
		16		250	1000	9	1CAC I0250 10000 230 B1000A 00000 00AAA
		16		250	1250	11	1CAC I0250 12500 230 B1000A 00000 00AAA
		16		250	1600	14	1CAC I0250 16000 230 B1000A 00000 00AAA
		16		250	2000	18	1CAC I0250 20000 230 C1000A 00000 00AAA
		16		300	800	6	1CAC I0300 08000 230 B1000A 00000 00AAA
		16		300	1000	7	1CAC I0300 10000 230 B1000A 00000 00AAA
		16		300	1250	9	1CAC I0300 12500 230 B1000A 00000 00AAA
		16		300	1600	12	1CAC I0300 16000 230 B1000A 00000 00AAA
		16		300	2000	14	1CAC I0300 20000 230 C1000A 00000 00AAA
		16		300	2500	18	1CAC I0300 25000 230 D1000A 00000 00AAA
		16		350	750	5	1CAC I0350 07500 230 B1000A 00000 00AAA
		16		350	1000	6	1CAC I0350 10000 230 B1000A 00000 00AAA
		16		350	1300	8	1CAC I0350 13000 230 B1000A 00000 00AAA
		16		350	1600	10	1CAC I0350 16000 230 B1000A 00000 00AAA
		16		350	2000	12	1CAC I0350 20000 230 C1000A 00000 00AAA
		16		350	2500	15	1CAC I0350 25000 230 D1000A 00000 00AAA
		16		400	1000	5	1CAC I0400 10000 230 B1000A 00000 00AAA
		16		400	1400	7	1CAC I0400 14000 230 B1000A 00000 00AAA
Øext = 10 mm		16		400	2000	11	1CAC I0400 20000 230 C1000A 00000 00AAA
		16		400	2500	13	1CAC I0400 25000 230 D1000A 00000 00AAA

Locating Ring

Constant Power Distribution - Ni/FV-PTFE 300°C Cables - Cement Sealing -
Cable length 1m - Sleeveless - No Ground Lead - AISI321 Body (AISI304 for Ø8mm only)

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		20		60	320	19	1CAC J0060 03200 230 C1000A 00000 00AAA
		20		60	500	29	1CAC J0060 05000 230 C1000A 00000 00AAA
		20		60	800	47	1CAC J0060 08000 230 C1000A 00000 00AAA
		20		80	320	11	1CAC J0080 03200 230 C1000A 00000 00AAA
		20		80	500	17	1CAC J0080 05000 230 C1000A 00000 00AAA
		20		80	800	27	1CAC J0080 08000 230 C1000A 00000 00AAA
		20		80	1000	33	1CAC J0080 10000 230 C1000A 00000 00AAA
		20		80	1250	42	1CAC J0080 12500 230 C1000A 00000 00AAA
		20		100	500	12	1CAC J0100 05000 230 C1000A 00000 00AAA
		20		100	800	19	1CAC J0100 08000 230 C1000A 00000 00AAA
		20		100	1000	23	1CAC J0100 10000 230 C1000A 00000 00AAA
		20		100	1250	29	1CAC J0100 12500 230 C1000A 00000 00AAA
		20		100	1600	37	1CAC J0100 16000 230 C1000A 00000 00AAA
		20		130	650	10	1CAC J0130 06500 230 C1000A 00000 00AAA
		20		130	1000	16	1CAC J0130 10000 230 C1000A 00000 00AAA
		20		130	1250	20	1CAC J0130 12500 230 C1000A 00000 00AAA
		20		130	1600	26	1CAC J0130 16000 230 C1000A 00000 00AAA
		20		130	2000	32	1CAC J0130 20000 230 C1000A 00000 00AAA
		20		160	800	10	1CAC J0160 08000 230 C1000A 00000 00AAA
Øext = 10 mm		20		160	1000	12	1CAC J0160 10000 230 C1000A 00000 00AAA

Shape	D (inch)	D (mm)	L (inch)	L (mm)	Power (W)	Watt density W/cm²	Code
		20		160	1250	15	1CAC J0160 12500 230 C1000A 00000 00AAA
		20		160	1600	20	1CAC J0160 16000 230 C1000A 00000 00AAA
		20		160	2000	25	1CAC J0160 20000 230 C1000A 00000 00AAA
		20		200	1000	9	1CAC J0200 10000 230 C1000A 00000 00AAA
		20		200	1600	15	1CAC J0200 16000 230 C1000A 00000 00AAA
		20		200	2000	19	1CAC J0200 20000 230 C1000A 00000 00AAA
		20		200	2500	23	1CAC J0200 25000 230 D1000A 00000 00AAA
		20		250	1000	7	1CAC J0250 10000 230 C1000A 00000 00AAA
		20		250	1250	9	1CAC J0250 12500 230 C1000A 00000 00AAA
		20		250	2000	14	1CAC J0250 20000 230 C1000A 00000 00AAA
		20		250	2500	18	1CAC J0250 25000 230 D1000A 00000 00AAA
		20		300	1600	9	1CAC J0300 16000 230 C1000A 00000 00AAA
		20		300	2200	13	1CAC J0300 22000 230 C1000A 00000 00AAA
		20		300	2500	15	1CAC J0300 25000 230 D1000A 00000 00AAA
		20		350	2000	10	1CAC J0350 20000 230 C1000A 00000 00AAA
		20		350	2500	12	1CAC J0350 25000 230 D1000A 00000 00AAA
		20		350	3000	15	1CAC J0350 30000 230 D1000A 00000 00AAA
		20		400	1600	7	1CAC J0400 16000 230 C1000A 00000 00AAA
		20		400	2500	11	1CAC J0400 25000 230 D1000A 00000 00AAA
Øext = 10 mm		20		400	3000	13	1CAC J0400 30000 230 D1000A 00000 00AAA

cod. 690190363 - 0518

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