

ISK...7PFF-H/L

Electrical heating cable for frost protection or temperature maintenance of pipework and vessels in safe or hazardous locations.

Erfahrung ist Zukunft



Flexible Series Resistance Heating Cable

260°C



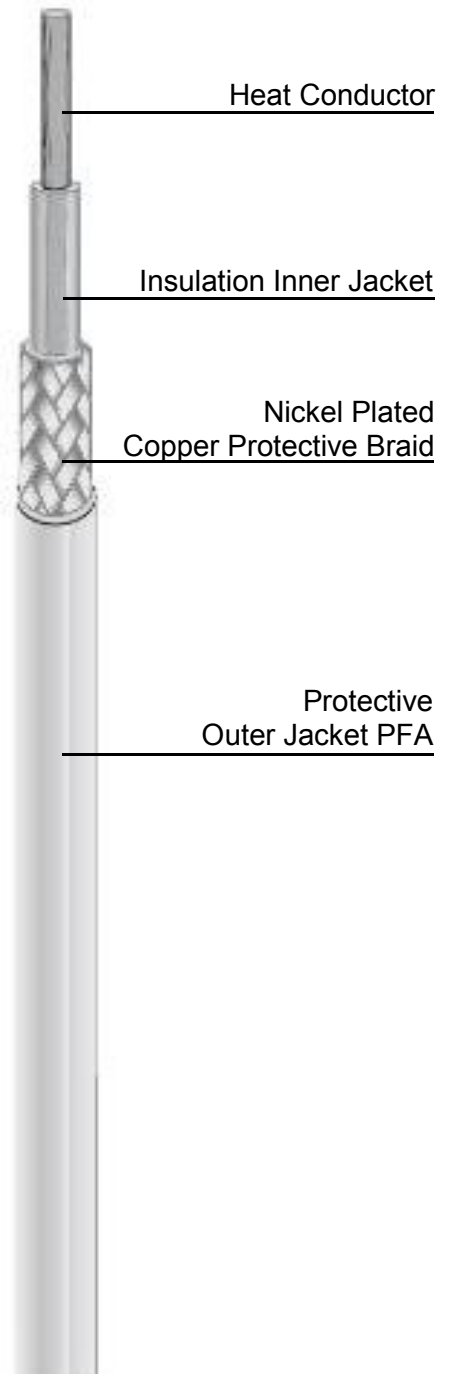
- Easy to install & terminate on site
- Constant power output
- Highly flexible & chemical resistant
- Temperature resistant up to 260°C (suitable for high pressure steam cleaning)
- Long circuit length achievable (>250m)

Description

Quintherm ISK single core heating cable is easy to use and install due to its light and flexible construction. It is rugged and safe for use in most hazardous area industrial applications. The materials of the heating cable are highly resistant to chemical attack and mechanical abuse.

The specific resistance of ISK cables allow the power output to increase or decrease by shortening or lengthening the heating cable respectively.

The high temperature resistance up to 260°C allows for use even under difficult conditions.



Technical Data

Nominal Voltage:	450/750V AC
Tested Voltage:	2.5kV
Withstand Temperature:	-60°C to +260°C
Resistance of Protective Braid:	<18,2 Ohm/km
Min. Inst. Temperature:	-60°C
Min. Bending Radius:	25mm for cable Ø >8mm 15mm for cable Ø ≤8mm
Max. Mechanical Stress:	4J tested ≥ 7,2 Ohm/km 7J tested < 4,4 Ohm/km

Marking

- Ex II 2G Ex e IIC Gb
- Ex II 2D Ex tb IIIC Db

Certificates



Resistance Chart ISK

Ordering Code	Ohm/km at 20°C	Outer Diameter (mm)
ISK 1R08 7PFF-H	1,08	10,20
ISK 1R71 7PFF-H	1,71	8,60
ISK 2R90 7PFF-H	2,90	7,60
ISK 4R40 7PFF-H	4,40	6,70
ISK 7R20 7PFF-L	7,20	4,94
ISK 0010 7PFF-L	10,00	4,75
ISK 11R7 7PFF-L	11,70	4,60
ISK 0015 7PFF-L	15,00	4,42
ISK 17R8 7PFF-L	17,80	4,30
ISK 0025 7PFF-L	25,00	4,27
ISK 31R5 7PFF-L	31,50	4,59
ISK 0050 7PFF-L	50,00	4,27
ISK 0065 7PFF-L	65,00	4,11
ISK 0080 7PFF-L	80,00	4,01
ISK 0100 7PFF-L	100,00	4,56
ISK 0150 7PFF-L	150,00	4,27
ISK 0180 7PFF-L	180,00	3,96
ISK 0200 7PFF-L	200,00	4,10
ISK 0230 7PFF-L	230,00	4,10
ISK 0320 7PFF-L	320,00	4,23
ISK 0360 7PFF-L	360,00	3,82
ISK 0380 7PFF-L	380,00	4,13
ISK 0450 7PFF-L	450,00	4,10
ISK 0480 7PFF-L	480,00	4,01
ISK 0600 7PFF-L	600,00	3,90
ISK 0650 7PFF-L	650,00	3,87
ISK 0700 7PFF-L	700,00	3,83
ISK 0810 7PFF-L	810,00	3,99
ISK 1000 7PFF-L	1000,00	3,89
ISK 1440 7PFF-L	1440,00	3,74
ISK 1750 7PFF-L	1750,00	3,70
ISK 2000 7PFF-L	2000,00	3,92
ISK 3000 7PFF-L	3000,00	3,75
ISK 8000 7PFF-L	8000,00	3,47

Other resistance values available upon special request.