

Mineral-insulated heating cable series KM-HC-SS

for heating cable temperatures up to 800°C.
Also available in EX-version based on rules of ATEX



Description:

Ready-made mineral insulated heating cables with a metal sheath out of stainless steel 1.4541 for heating cable temperature up to 800°C. Highly resilient heating cable for the conduction of greater heating power.

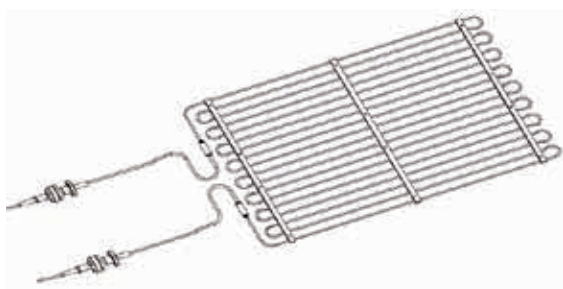
Applications:

Under-water radiators, container heaters, valve heaters, pipe-accompanying heaters, process heaters, form heaters, panel heaters, etc.

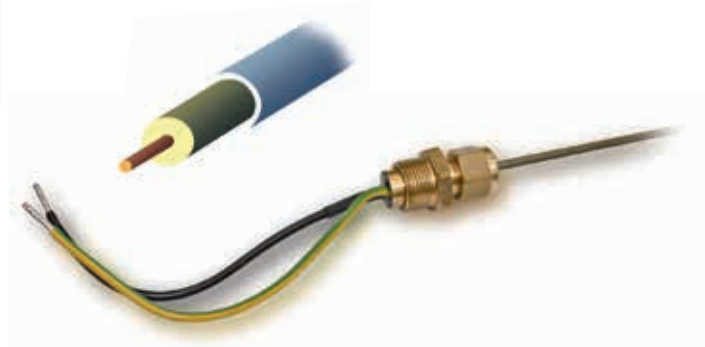
resistance	outer diameter	min. bending radius
0,16 Ω/m	6,5 mm	> 30 mm
0,25 Ω/m	5,6 mm	> 25 mm
0,40 Ω/m	5,0 mm	> 20 mm
0,63 Ω/m	4,5 mm	> 18 mm
1,00 Ω/m	4,1 mm	> 16 mm
1,60 Ω/m	3,8 mm	> 15 mm
2,50 Ω/m	3,6 mm	> 15 mm
4,00 Ω/m	3,2 mm	> 12 mm
6,30 Ω/m	3,2 mm	> 12 mm
10,0 Ω/m	3,2 mm	> 12 mm



Laser welded connection



Application example



Technical data

KM-HC-SS

nominal voltage	230 V AC
nominal power	see order data
dimensions	Ø 3,2 - 6,5 mm
protection class	I
protection type	IP 67 (waterproof)
max. temperature heating cable	800°C
cold ends	2 x 0,5 m in Inconel 1.4541 mit 150 mm
fastening screw	M 20 x 1,5

Order data

100 W/m

length m	power W	order no.
7,2	720	25000072
9,1	910	25000091
11,5	1150	25000115
14,5	1450	25000145
18,0	1800	25000180
23,0	2300	25000230
29,0	2900	25000290
36,0	3600	25000360
46,0	4600	25000460
57,5	5750	25000575

Order data

200 W/m

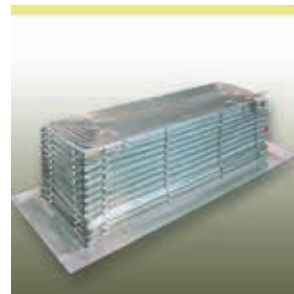
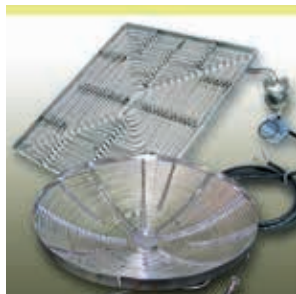
length m	power W	order no.
5,1	1020	25100051
6,5	1300	25100065
7,7	1540	25100077
10,3	2060	25100103
12,7	2540	25100127
15,5	3100	25100155
20,3	4060	25100203
25,5	5100	25100255
32,5	6500	25100325
40,0	8000	25100400

Other lengths, voltages and power are available upon request.

Accessories

Terminal boxes, matching assembly consoles and assembly materials upon request.

For temperature regulation we suggest our program of electronic control and temperature regulation appliances and corresponding temperature sensors.



Examples

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