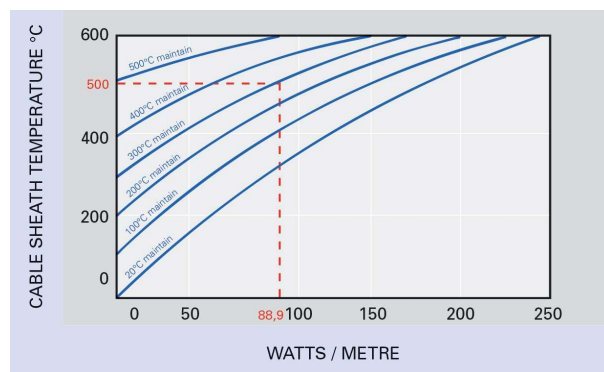


# MI heating cable 800 V

## Description:

<b>Max. voltage</b>	800 V
<b>Resistance</b>	10 = 10,0 ohm/m @ 20°C
<b>Number of inner conductors</b>	1
<b>Inner conductor material</b>	V = nickel-chromium
<b>Insulation</b>	2 = ≥ 96 % MgO
<b>Sheath material (selectable)</b>	A = AISI 321, S = AISI 316L, Q = AISI 310, L = Alloy 600, Z = Alloy 825 *Alternative materials on request, see "ISOMIL-T table" -> "Sheath material"
<b>Outer diameter (1/10 mm)</b>	32 = 3,2 mm
<b>Standard tolerance for outer Ø</b>	+/- 0,10 mm
<b>Standard tolerance for resistance</b>	+/- 0,10 mm
<b>Standard tolerance for length</b>	+/- 0,10 mm
	*Special tolerances on request



Designation	Resistance ohm/ m @ 20 °C	Diameter (mm)
10V2A32	10	3,2
6,3V2A32	6,3	3,2
4,0V2A32	4	3,2
2,5V2A36	2,5	3,6
1,6V2A38	1,6	3,8
1,0V2A41	1	4,1
0,63V2A45	0,63	4,5
0,40V2A50	0,4	5
0,25V2A56	0,25	5,6
0,16V2A65	0,16	6,5
10V2A32	10	3,2
6,3V2A32	6,3	3,2
4,0V2A32	4	3,2
2,5V2A36	2,5	3,6
1,6V2A38	1,6	3,8
1,0V2A41	1	4,1
0,63V2A45	0,63	4,5
0,40V2A50	0,4	5
0,25V2A56	0,25	5,6
0,16V2A65	0,16	6,5

To ensure sufficient electric strength between conductor and sheath, the thickness of the insulation layer for all models of the standard program, including the cold conductor diameter, was set to ≥ 1.0 mm. This means that all cables can be operated at up to 800 V.