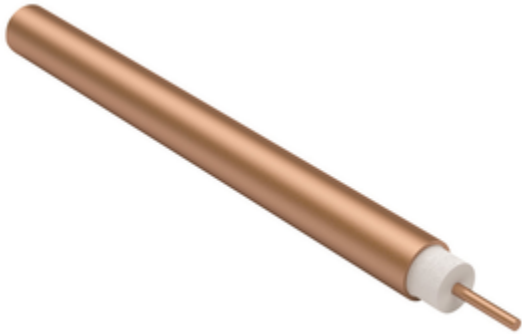


MI SERIES BARE COPPER HEATING CABLE



nVent RAYCHEM mineral insulated (MI) series resistance trace heating cables are used for low temperature maintenance applications such as long pipeline heating, condensation prevention and ramp heating. Copper sheath with continuous exposure temperatures to 392 °F/200 °C and typical power outputs to 20 W/ft (65 W/m). Approved for use in hazardous areas.

FEATURES & BENEFITS

Reduced total installed cost

Reduced power supply costs: lower start up currents compared with other technologies

Simple controls: current monitoring on series resistance provides instant visibility on critical circuits

Fast track/expedited service not available for configured heating units

SPECIFICATIONS

Supply Voltage 0 – 500 V

Max Power Output 65 W/m

Max Continuous Exposure Temperature, Power Off 200 °C

Insulation Material Magnesium Oxide

Sheath Material Copper

Area Classification Non-Hazardous; Hazardous

Min Installation Temperature -60 °C

Min Cable Spacing 25 mm

Table 1/1

Catalog Number	Nominal Resistance @ 20°C	Outer Diameter
HCC1M1.08	1.08 Ω/km	8.3 mm
HCC1M2.87	2.87 Ω/km	6.4 mm
HCC1M1.72	1.72 Ω/km	7.3 mm
HCH1M100	100 Ω/km	5.2 mm
HCC1M11	11 Ω/km	4.9 mm
HCH1M140	140 Ω/km	4.9 mm
HCC1M17	17 Ω/km	4.6 mm
HCH1M220	220 Ω/km	4.5 mm
HCC1M25	25 Ω/km	3.7 mm
HCH1M315	315 Ω/km	4.3 mm
HCC1M4	4 Ω/km	5.9 mm
HCC1M40	40 Ω/km	3.4 mm
HCH1M450	450 Ω/km	4 mm
HCC1M63	63 Ω/km	3.2 mm
HCH1M630	630 Ω/km	4 mm
HCC1M7	7 Ω/km	5.3 mm
HCH1M800	800 Ω/km	3.5 mm
HCC1M88	88 Ω/km	3 mm

Supply Voltage 0 – 300 V

Max Power Output 65 W/m

Max Continuous Exposure Temperature, Power Off 200 °C

Insulation Material Magnesium Oxide

Sheath Material Copper

Area Classification Non-Hazardous; Hazardous

Min Installation Temperature -60 °C

Min Cable Spacing 25 mm

Table 1/1

Catalog Number	Nominal Resistance @ 20°C	Outer Diameter
HCH1L1250	1250 Ω/km	2.8 mm
HCH1L2000	2000 Ω/km	2.8 mm

Max Power Output: Depending on application, max power outputs up to 40W/ft are permitted.

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