

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.

KENMERKEN

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

SPECIFICATIES

Min Cable Spacing:	25 mm
Max Power Output:	65 W/m
Max Continuous Exposure Temperature, Power Off:	200 °C
Minimale installatietemperatuur:	-60 °C
Sheath Material:	Koper
Area Classification:	Non-Hazardous; Hazardous
Isolatiemateriaal:	Magnesium Oxide

Table 1/1

Catalogusnummer	Supply Voltage	Nominal Resistance @ 20°C	Buitenste diameter
HCC1M1.08	0 – 500 V	1.08 Ω/km	8.3 mm
HCC1M1.72	0 – 500 V	1.72 Ω/km	7.3 mm
HCC1M2.87	0 – 500 V	2.87 Ω/km	6.4 mm

Catalogusnummer	Supply Voltage	Nominal Resistance @ 20°C	Buitenste diameter
HCC1M4	0 – 500 V	4 Ω/km	5.9 mm
HCC1M7	0 – 500 V	7 Ω/km	5.3 mm
HCC1M11	0 – 500 V	11 Ω/km	4.9 mm
HCC1M17	0 – 500 V	17 Ω/km	4.6 mm
HCC1M25	0 – 500 V	25 Ω/km	3.7 mm
HCC1M40	0 – 500 V	40 Ω/km	3.4 mm
HCC1M63	0 – 500 V	63 Ω/km	3.2 mm
HCH1L1250	0 – 300 V	1250 Ω/km	2.8 mm
HCH1L2000	0 – 300 V	2000 Ω/km	2.8 mm
HCC1M88	0 – 500 V	88 Ω/km	3 mm
HCH1M100	0 – 500 V	100 Ω/km	5.2 mm
HCH1M800	0 – 500 V	800 Ω/km	3.5 mm
HCH1M140	0 – 500 V	140 Ω/km	4.9 mm
HCH1M630	0 – 500 V	630 Ω/km	4 mm
HCH1M450	0 – 500 V	450 Ω/km	4 mm
HCH1M315	0 – 500 V	315 Ω/km	4.3 mm
HCH1M220	0 – 500 V	220 Ω/km	4.5 mm

ADDITIONAL PRODUCT DETAILS

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

WAARSCHUWING

Producten van nVent moeten worden geïnstalleerd en gebruikt op de manier zoals is aangegeven in de nVent productinformatiebladen en trainingsmaterialen. U kunt de productinformatiebladen downloaden van www.nvent.com of opvragen bij uw nVent-klantenservice. Door onjuist installeren, verkeerd gebruik, verkeerde toepassing of enige andere handeling in strijd met de instructies en waarschuwingen van nVent kan het product mogelijk niet correct werken, ernstig of fataal letsel en materiële schade veroorzaken en/of uw garantie ongeldig maken.

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