

MI Series Jacketed Copper Heating Cable



nVent RAYCHEM LSZH jacketed copper sheathed mineral insulated (MI) series resistance trace heating cables are used for low temperature maintenance applications including embedded heating in concrete or asphalt, roof de-icing, frost heave protection, exposed snow melting and interior pipe tracing. Continuous exposure temperatures to 194 °F/90 °C and typical power outputs to 35 W/ft (115 W/m depending on application.) Embedded and roof de-icing applications approved for use in hazardous areas.

KENMERKEN

Long circuit lengths possible enabling cost effective heating of large areas

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

Three phase designs solutions allowing optimization of layouts

Red LSZH jacket aids visibility while pouring concrete or asphalt

Rugged cable construction

Reliable during long life, 10 year product warranty available (robust and rugged construction, proven in harsh climates extends life expectancy)

SPECIFICATIES

Conductor Quantity:	1
Max Continuous Exposure Temperature, Power Off:	90 °C
Max Power Output:	115 W/m
Minimale installatietemperatuur:	-30 °C
Sheath Material:	Koper
Area Classification:	Non-Hazardous; Hazardous
Isolatiemateriaal:	Magnesium Oxide

Table 1/1

Catalogusnummer	Supply Voltage	Geleidermateriaal	Nominal Resistance @ 20°C	Buitenste diameter
HCHR1L1250-RD	0 – 300 V	Koperlegering	1250 Ω/km	5.1 mm

Catalogusnummer	Supply Voltage	Geleidermateriaal	Nominal Resistance @ 20°C	Buitenste diameter
HCHR1L2000-RD	0 – 300 V	Koperlegering	2000 Ω/km	5.1 mm
HCHR1M100-RD	0 – 500 V	Koperlegering	100 Ω/km	7.5 mm
HCHR1M140-RD	0 – 500 V	Koperlegering	140 Ω/km	7.2 mm
HCHR1M1600-RD	0 – 500 V	Koperlegering	1600 Ω/km	5.68 mm
HCHR1M220-RD	0 – 500 V	Koperlegering	220 Ω/km	6.8 mm
HCHR1M315-RD	0 – 500 V	Koperlegering	315 Ω/km	6.6 mm
HCHR1M630-RD	0 – 500 V	Koperlegering	630 Ω/km	6.3 mm
HCHR1M800-RD	0 – 500 V	Koperlegering	800 Ω/km	5.8 mm
HCCR1M11-RD	0 – 500 V	Koper	11 Ω/km	7.2 mm
HCCR1M17-RD	0 – 500 V	Koper	17 Ω/km	6.9 mm
HCCR1M25-RD	0 – 500 V	Koper	25 Ω/km	6 mm
HCCR1M4-RD	0 – 500 V	Koper	4 Ω/km	8.2 mm
HCCR1M40-RD	0 – 500 V	Koper	40 Ω/km	5.7 mm
HCCR1M7-RD	0 – 500 V	Koper	7 Ω/km	7.6 mm

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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