MI SERIES CUNI HDC/HDF HEATING CABLE

nVent RAYCHEM HDF/HDC mineral insulated (MI) series resistance trace heating cables provide freeze protection and process temperature maintenance, with continuous exposure temperatures to 400 °C and typical power outputs up to 70 W/m. The high nickel content provides high corrosion resistance, especially in seawater environments. Approved for use in hazardous areas. Available 'fast track' as configured heating units and in low resistances, for long pipeline heating.

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 for configured heating units for eligible designs
- Standard 400 °C continuous withstand temperature, with brazed weld technology
- High corrosion resistance, especially in seawater environments

SPECIFICATIONS

Supply Voltage 0 – 500 V

Max Power Output 70 W/m

Max Continuous Exposure Temperature, Power Off 400 °C

Insulation Material Magnesium Oxide

Sheath Material Cupro-Nickel

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
HDF1M1000	1000 Ω/km	3.4 mm
HDC1M11	11 Ω/km	4.9 mm
HDF1M160	160 Ω/km	4.9 mm
HDF1M1600	1600 Ω/km	3.2 mm
HDC1M17	17 Ω/km	4.6 mm
HDC1M25	25 Ω/km	3.7 mm
HDF1M250	250 Ω/km	4.4 mm
HDC1M4	4 Ω/km	5.9 mm
HDC1M40	40 Ω/km	3.4 mm
HDF1M400	400 Ω/km	4 mm
HDC1M63	63 Ω/km	3.2 mm
HDF1M630	630 Ω/km	3.7 mm
HDC1M7	7 Ω/km	5.3 mm

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