

Nuheat MI Heating Cable

For Slab De-Icing

Mineral Insulated (MI) Copper Heating Cable is a series type and factory assembled, engineered product. Ideal for applications such as snow and ice melting in concrete or asphalt slabs, Nuheat MI Cables can also be used for frost heave protection. The cables are pre-terminated heating units complete with cold leads and are constructed with an HDPE outer jacket and seamless copper sheath yielding a durable yet flexible cable. A full range of design, resistance and wattages are available.

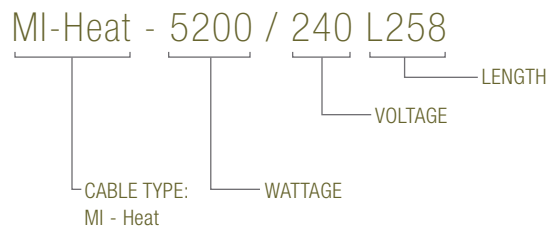
HDPE COATED, COPPER SHEATHED HEATING CABLE



DESIGN & INSTALLATION

While a selection of standard heating cables are available to suit most heat tracing needs, Nuheat can custom design your heat tracing system. For design and installation assistance, contact the Nuheat Customer Care Team at 1.800.778.WARM (9276).

MODEL & INSTALLATION



MINERAL INSULATED (MI) HEATING CABLE

APPLICATION

Snow and ice melting in concrete, asphalt, mastic or pavers

VOLTAGE

120V - 600V

AREA CLASSIFICATION

Non-Hazardous Locations

SHEATH MATERIAL

Solid Copper Alloy

INSULATION MATERIAL

Compressed Magnesium Oxide (MgO)

CONDUCTORS

Single Conductor

JACKETING MATERIAL

High Density Polyethylene (HDPE)

GLAND SEALS

Brass, NPT threaded

COLD LEADS

AWG sized per electrical code requirements (14AWG to 4 AWG); PVC shroud jacket

7ft & 15ft standard cold lead lengths and additional lengths available

WARRANTY

10 years*

* available when online warranty card completed within 30 days of installation

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CABLE SELECTION

TRM MODEL NUMBERS	AMPS	BULK REF. #	CABLE LENGTH (FT)	COLD LEAD (FT)	OHMS/FT	TOTAL RESISTANCE
MI-Heat-220/120	1.8	D2000	108	7	0.61	65.88
MI-Heat-425/120	3.5	D2000	55	7	0.61	33.55
MI-Heat-590/120	4.9	D2000	40	7	0.61	24.4
MI-Heat-1100/120	9.2	D656	66	7	0.2	13.2
MI-Heat-1600/208	7.7	D1280	68	7	0.39	26.52
MI-Heat-2300/208	11.1	D656	95	7	0.2	19
MI-Heat-3100/208	14.9	D345	132	15	0.105	13.86
MI-Heat-5500/208	26.4	D98	260	15	0.03	7.8
MI-Heat-7000/208	33.7	D66	310	15	0.02	6.2
MI-Heat-2000/240	8.3	D656	140	7	0.2	28
MI-Heat-2100/240	8.8	D345	264	7	0.105	27.72
MI-Heat-3200/240	13.3	D345	177	7	0.105	18.585
MI-Heat-4000/240	16.7	D197	240	15	0.06	14.4
MI-Heat-5200/240	21.7	D131	280	15	0.04	11.2
MI-Heat-6000/240	25.0	D98	320	15	0.03	9.6
MI-Heat-7500/240	31.3	D66	375	15	0.02	7.5
MI-Heat-9000/240	37.5	C33	550	15	0.01147	6.3085
MI-Heat-12000/240	50.0	C21	630	15	0.0073	4.599
MI-Heat-17000/240	70.8	C13	717	15	0.00452	3.24084
MI-Heat-4100/600	6.8	D1280	225	15	0.39	87.75
MI-Heat-5800/600	9.7	D656	310	15	0.2	62
MI-Heat-8000/600	13.3	D345	428	15	0.105	44.94
MI-Heat-11000/600	18.3	D197	548	15	0.06	32.88

CONTROLS

Please contact your Nuheat Representative for more information on our sensors and controls.

GROUND-FAULT PROTECTION

Nuheat Industries and National Electrical Codes require 30-mA equipment ground-fault protection on each heating cable branch circuit to reduce the danger of fire caused by continuous electrical arcing resulting from improper installation or damage to the heating cable. Conventional circuit protection may not be suitable for preventing electrical arcing.