

# Hott-Wire® (MI) Snow Melting & De-icing Cable

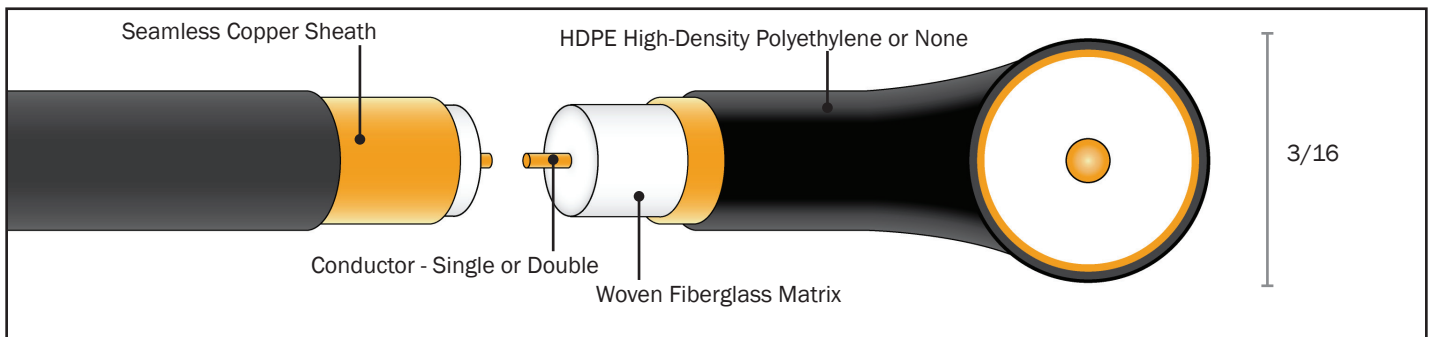
# DATA SHEET

Hott-Wire® is a high quality Mineral Insulated (MI) heating cable designed as a single or dual conductor heating element woven in a fiberglass matrix compressed by a seamless copper sheath. Hott-Wire® is designed to provide an effective means of melting snow and ice with 100% efficiency. Our system is capable of delivering a wide range of heating outputs and can be custom designed for specific

projects and applications. Hott-Wire® is one of the most rugged heating cable designs available that is also specifically designed for resistance heating. Hott-Wire® can be installed in a variety of surfaces such as new pour concrete, existing concrete as a retrofit, a sand bed below pavers, stone dust, and even new pour asphalt applications. Hott-Wire® can be powered by any voltage up to 600

volts. Our cutting edge manufacturing process makes Hott-Wire® superior in strength, reliability, convenience and stability as a heating cable. With pre-attached cold leads, Hott-Wire® is designed to be easy to install in areas large and small, for a variety of applications accomodating residential, commercial, or inustrial projects.

## Design:



Conductor	Nickel Coated Copper	0.02 to 2.0 Ω/ft
Conductor Insulator	Woven Fiberglass Matrix	
Grounding Sheath	Seamless Copper	
Outer Jacket	(HDPE) High-Density Polyethylene or None	
Minimum Bending Radius	5D (Approx. 1")	
Minimum Spacing	2"	
Supply Voltage	Up to 600VAC	
HDPE Maximum Temperature	248°F (120°C)	with HDPE Jacket
Thermal Resistance Temperature	482°F (250°C)	
Output Wattage	Up to 40 watts/ft single conductor or 25 watts/ft double conductor	
Warranty	10 Year Limited Warranty	
Listing Agency	ETL (Intertek Testing Laboratory)	

## Sample Labeling Information:

Sample Label: S / 0.02 / 240V / 308ft / 7,849W  
 Key: (S = Single Conductor, D = Double Conductor) / (0.02 = Ohm/ft) / (240V = Voltage) / (308ft = MI Cable Length) / (7,849W = Total Wattage)

## Applications:

Walkways	Entry Areas
Driveways	Helicopter Pads
Bridges	Stairs
Handicap Ramps (ADA)	Patios

## Surfaces:

Concrete (New Pour)	Concrete (Retrofit Existing)
Asphalt (New Pour)	Asphalt (Retrofit Existing)
Sand Under Pavers	
Stone	

Note: Ground fault protection (30 mA trip protection) must be used when installing Hott-Wire products. Refer to the NEC or CEC for specific requirements.



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