Marathon
Temp Sens

ENGINEERED SOLUTIONS
FOR HEATING & SENSING

ISO 9001-2015 CE IEC Underwriters Laboratories

HEAT TRACING SOLUTIONS

MARATHON HEATER (I) PVT. LTD.

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Marathon Tempsens

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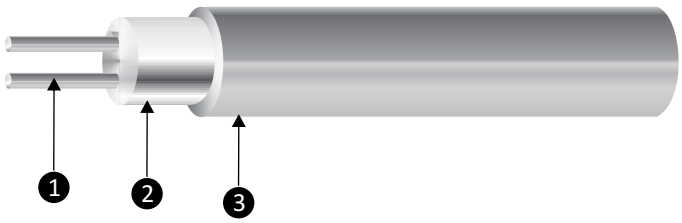
MINERAL INSULATED HEAT TRACE

MIHT

Construction



1. Conductor
2. Insulation Material
3. Sheath Material

Introduction

A mineral Insulated (MI) cable essentially consists of one or two conductors of copper or alloy embedded in dielectric magnesium oxide insulation and surrounded by an Incoloy 825 sheath. These cables are recognized for their high temperature service and excellent protection against corrosion. Suitable for high temperature and harsh environments. Long circuit lengths and Uniform power along the entire length

Construction Data

Sheath Material	Alloy 825 / SS of 300X range / Customise
Number of Conductors	1, 2 & 4
Conductor Material	Nichrome80/20, Copper, Copper-Nickel resistance alloy / Customise
Insulation Material	MGO

Cable Specifications

Output wattage at 10°C	Customise W/M
Surface Temperature	800°C
Max. exposure temperature	955°C
Min Bending radius	3D (D - pipe OD)
Voltage	230 V / Customise

Maximum Circuit Length(M)

Voltage - 230 VAC		
Model	Diameter (mm)	Max. Circuit Length (meter)
MIHT	2	300
	3	200
	4	120
	6	60
	8	30
	10	18

Dual Side Welded Cold Region MI Cable

Welded Cold Region MI Cable

Extended Cold Region (ECR) MI Cable