



ENGINEERED SOLUTIONS
FOR HEATING & SENSING

ISO 9001-2015



HEAT TRACING SOLUTIONS



MARATHON HEATER (I) PVT. LTD.

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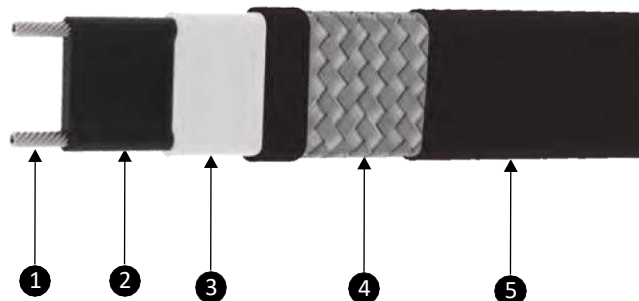
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www.marathonheat.com

SELF REGULATING HEATING CABLE

Construction

LTSRH



1. Bus wires
2. Semi-conductive self regulating matrix
3. Inner Jacket
4. Copper /Nickle plated copper
5. Outer Jacket

Introduction

Marathon Heaters self regulating heating cable provide the most versatility in heat trace design and applications. Constructed of a Semi-conductive heater matrix extruded between parallel bus wires, a self regulating cable adjusts its output to independently respond to ambient temperatures all along its length. As temperatures increase, the heater's resistance increase which lower the output wattage. Conversely, as the temperature decrease, the resistance decreases and the cable produces more heat. So it is no need thermostat in some applications. It will never overheat or burnout even when wrapped by itself(overlapped). It can be cut to any length. So it is a convenient, easy use and energy saving product.

Construction Data

Buswire size	0.9 mm ² /1.3mm ² tinned copper/ NPC
Heating elements	PTC
Insulation	Polyolefin

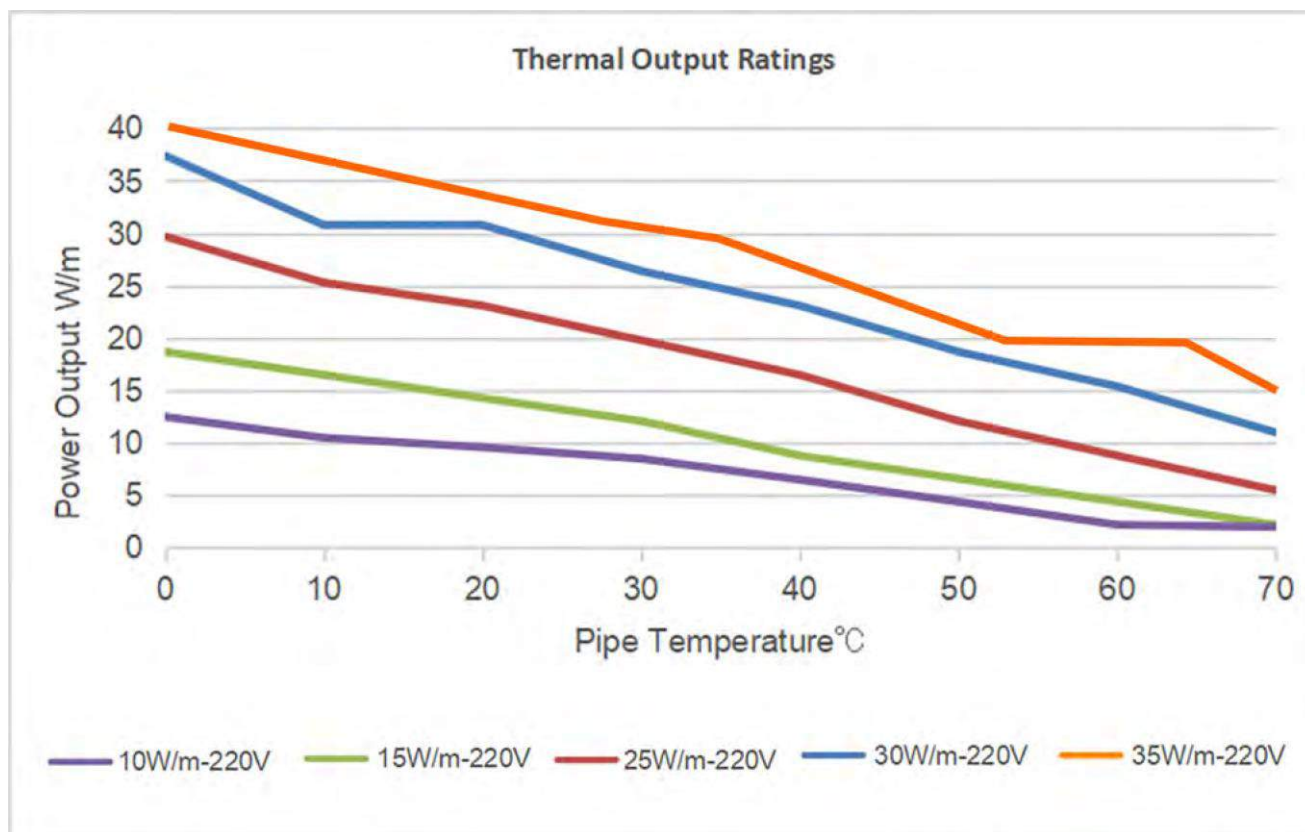
Cable Specifications

Output wattage at 10°C	10, 15, 25, 30, 35 W/M
Braiding covering area	Over 85%
Max. maintain temp @ 10°C	65°C
Max. exposure temp.	105°C
Min.installation temp.	-40°C
Bending radius	5 times*cable thickness
Voltage	208-277 V
Insulation color	Black
Regular size to insulation	10*4mm (Width*Thickness)



SELF REGULATING HEATING CABLE

Graph of LTSRH



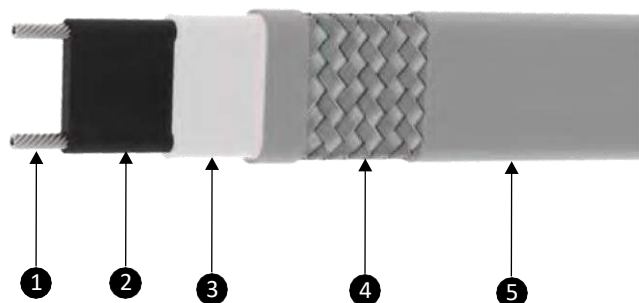
Max length(m)vs circuit breaker size

AC220V		Max circuit length(m) vs CB size		
Model	Start-up temp.°C	16A	20A	32A
LTSRH	10	78	90	118
	0	56	65	82
	-20	45	50	59
	-40	30	33	41

SELF REGULATING HEATING CABLE

Construction

MTSRH



1. Bus wires
2. Semi-conductive self regulating matrix
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Construction Data

Buswire size	1.3mm ² tinned copper
Heating elements	PTC
Insulation	Polyolefin or Fluoropolymer

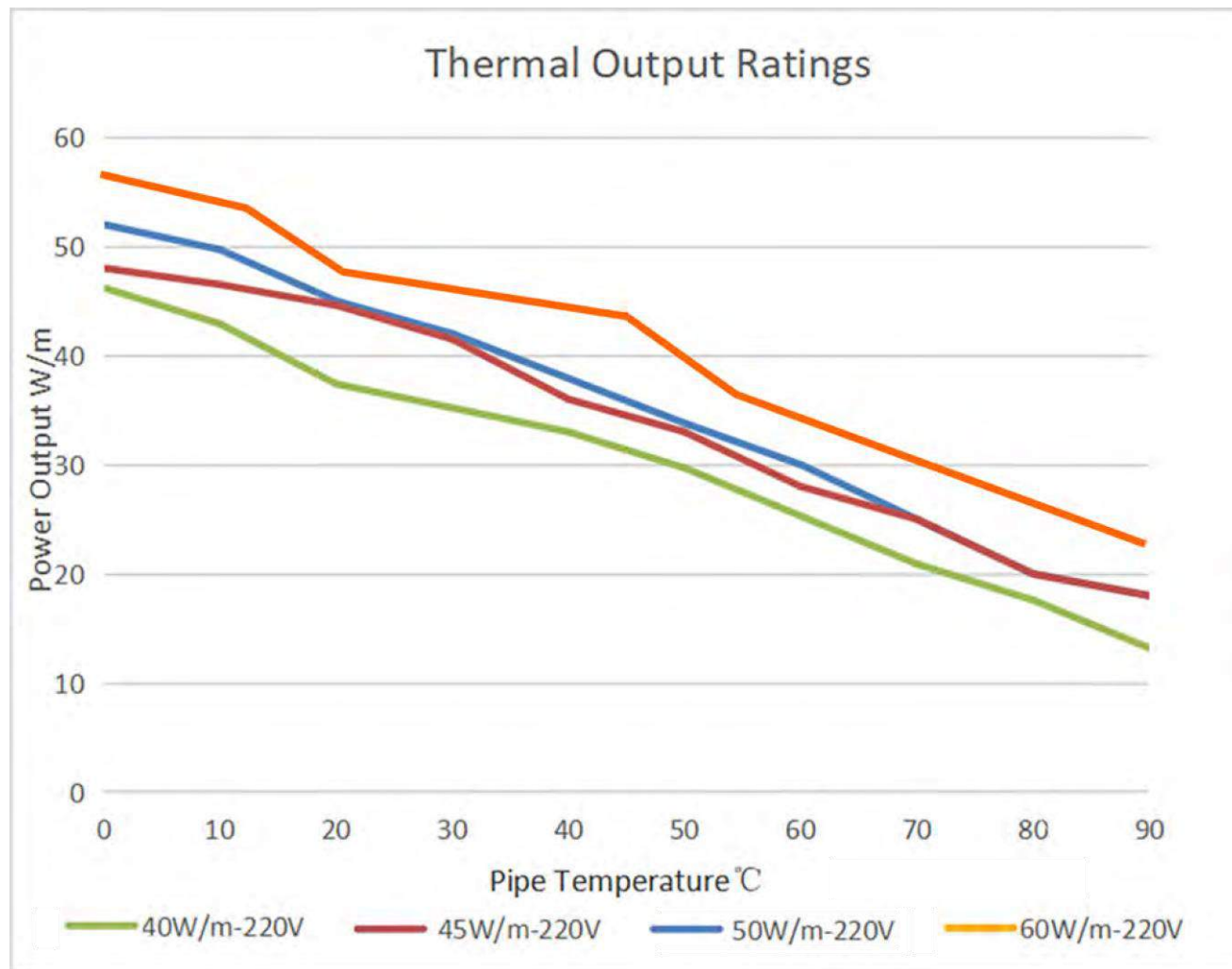
Cable Specifications

Output wattage at 10°C	40, 45, 50, 60 W/M
Braiding covering area	Over 85%
Max. maintain temp @ 10°C	105°C
Max. exposure temp.	135°C
Min. installation temp.	-40°C
Bending radius	10 times*cable thickness
Voltage	208-277 V
Insulation color	Grey
Regular size to insulation	11.8*3.4mm-polyolefin insulation 11.6*3.2 Fluoropolymer insulation (Width*Thickness)



SELF REGULATING HEATING CABLE

Graph of MTSRH



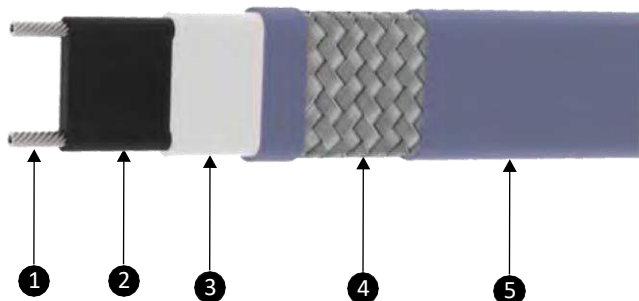
Max length(m)vs circuit breaker size

AC220V		Max circuit length(m) vs CB size		
Model	Start-up temp.°C	25A	32A	40A
MTSRH	10	53	69	86
	0	46	61	74
	-20	41	53	66
	-40	36	48	60

SELF REGULATING HEATING CABLE

Construction

HTSRH



1. Bus wires
2. Semi-conductive self regulating matrix
3. Inner Jacket
4. Copper /Nickle plated copper
5. Outer Jacket

Introduction

Marathon Heaters self regulating heating cable provide the most versatility in heat trace design and applications. Constructed of a Semi-conductive heater matrix extruded between parallel buswires, a self regulating cable adjusts its output to independently respond to ambient temperatures all along its length. As temperatures increase, the heater's resistance increases which lowers the output wattage. Conversely, as the temperature decreases, the resistance decreases and the cable produces more heat. So it is no need thermostat in some applications. It will never overheat or burnout even when wrapped by itself (overlapped). It can be cut to any length. So it is a convenient, easy use and energy saving product.

Construction Data

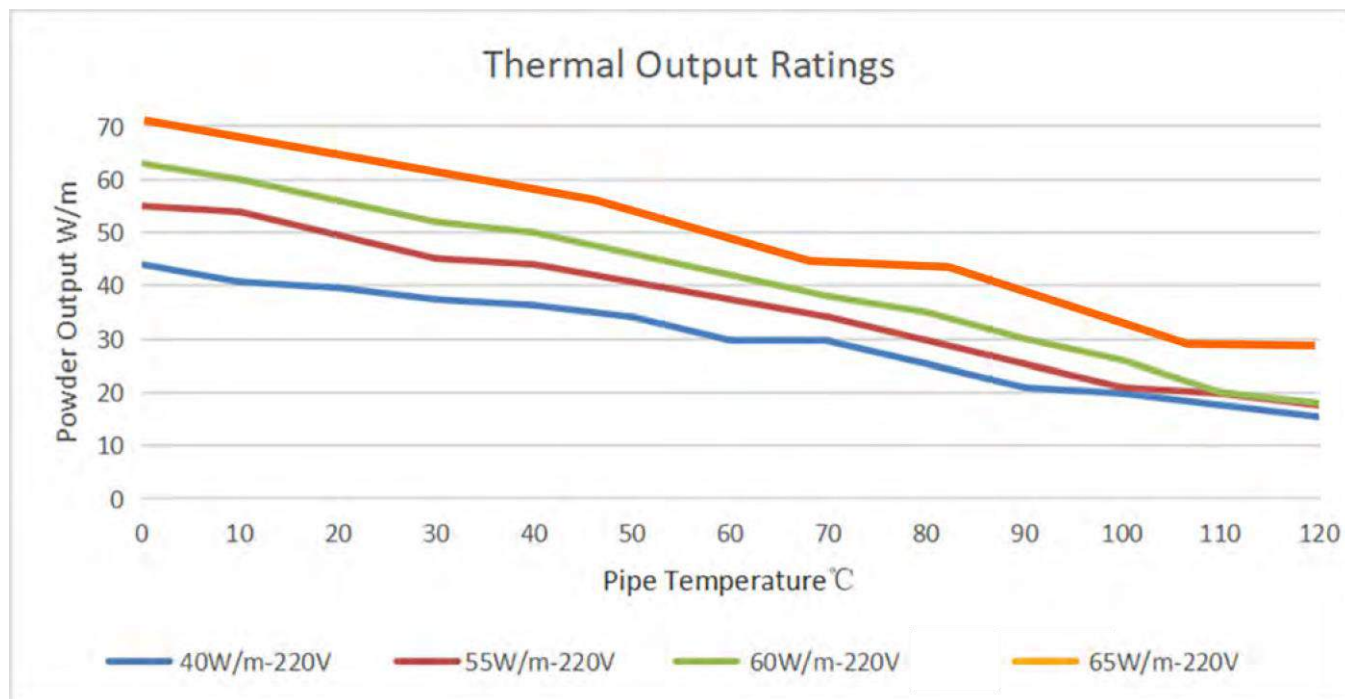
Buswire size	1.5mm ² Nickel Plated Copper
Heating elements	Fluoropolymer heating mixture
Insulation	Fluoropolymer/FEP
Braiding	Tinned copper
Outjacket	Fluoropolymer/FEP

Cable Specifications

Output wattage at 10°C	40, 55, 60, 65 W/M
Braiding covering area	Over 85%
Max. maintain temp @ 10°C	135°C
Max. exposure temp.	205°C
Min. installation temp.	-40°C
Bending radius	10 times*cable thickness
Voltage	110-120/208-277 V
Insulation color	Dark Grey
Regular size to insulation	9.8*3.3 mm (Width*Thickness)

SELF REGULATING HEATING CABLE

Graph of HTSRH



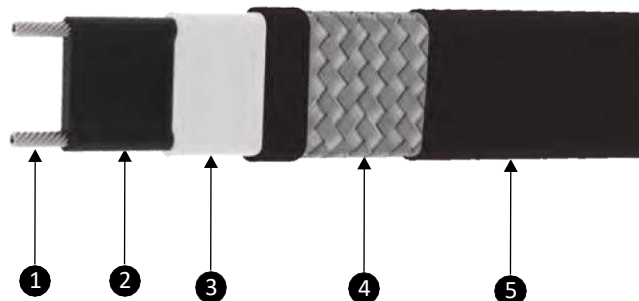
Max length(m)vs circuit breaker size

AC220V		Max circuit length(m) vs CB size	
Model	Start-up temp°C	32A	40A
HTSRH	10	53	66
	0	48	60
	-20	44	55
	-40	39	49

SELF REGULATING HEATING CABLE

Construction

LTSRHN



1. Bus wires
2. Semi-conductive self regulating matrix
3. Inner Jacket
4. Copper /Nickle plated copper
5. Outer Jacket

Introduction

Marathon Heaters self regulating heating cable provide the most versatility in heat trace design and applications. Constructed of a Semi-conductive heater matrix extruded between parallel bus wires, a self regulating cable adjusts its output to independently respond to ambient temperatures all along its length. As temperatures increase, the heater's resistance increase which lower the output wattage. Conversely, as the temperature decrease, the resistance decreases and the cable produces more heat. So it is no need thermostat in some applications. It will never overheat or burnout even when wrapped by itself(overlapped). It can be cut to any length. So it is a convenient, easy use and energy saving product.

Construction Data

Buswire size	1.25 mm ² / 2.04 mm ² tinned copper
Heating elements	PTC
Insulation	Polyolefin
Braiding	Tinned copper
Outjacket	Modified Polyolefin / Fluoropolymer

Cable Specifications

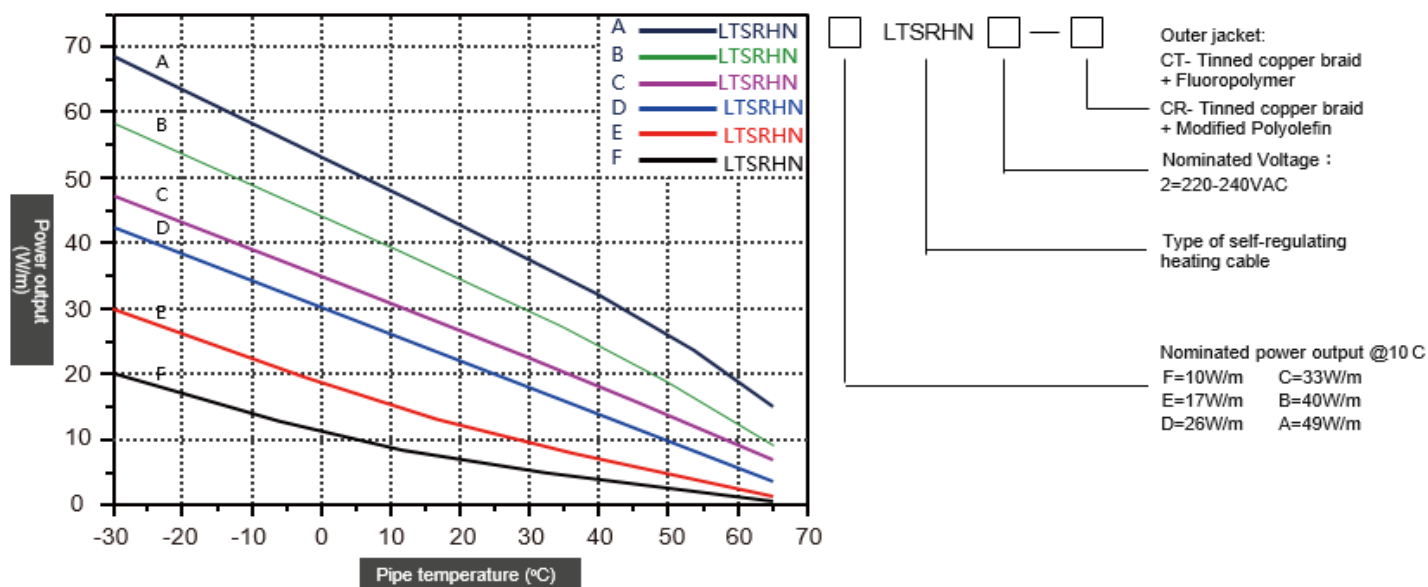
Output wattage at 10°C	10, 17, 26, 33, 40, 49 W/M
Braiding covering area	Over 85%
Max. maintain temp @ 10°C	65°C
Max. exposure temp.	85°C
Min. installation temp.	-60°C
Bending radius	10 times*cable thickness
Voltage	208-277 V
Insulation color	Black/ Customize
Regular size to insulation	12*5.4mm (Width*Thickness)



SELF REGULATING HEATING CABLE

Graph of LTSRHN

Power output curve:



Max length(m)vs circuit breaker size

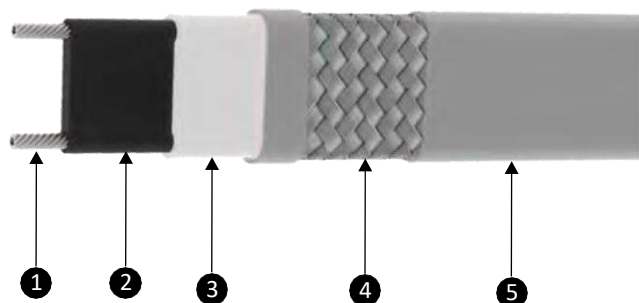
230V voltage level:

Circuit breaker size (A)	Start-up temperature (°C)	Maximum circuit length (m) (Type C circuit breaker based on IEC 60898 standard)					
		LTSRHN-10	LTSRHN-17	LTSRHN-26	LTSRHN-33	LTSRHN-40	LTSRHN-49
16	10	200	162	108	85	60	49
	0	200	148	95	77	54	44
	-10	165	133	85	71	50	41
	-20	155	112	68	65	46	38
	-40	131	86	60	56	40	33
20	10	200	162	118	106	75	61
	0	200	162	108	96	68	56
	-10	200	152	95	88	62	51
	-20	185	141	87	81	58	47
	-40	165	123	76	71	50	41
25	10	200	162	120	115	93	76
	0	200	162	120	115	85	69
	-10	200	162	120	110	78	64
	-20	200	162	120	102	72	59
	-40	189	162	112	88	62	51
32	10	200	162	120	115	102	98
	0	200	162	120	115	102	89
	-10	200	162	120	115	100	81
	-20	200	162	120	115	92	75
	-40	200	162	120	115	80	65
40	10	200	162	120	115	102	100
	0	200	162	120	115	102	100
	-10	200	162	120	115	102	100
	-20	200	162	120	115	102	94
	-40	200	162	120	115	100	81

SELF REGULATING HEATING CABLE

Construction

MTSRHN



1. Bus wires
2. Semi-conductive self regulating matrix
3. Inner Jacket
4. Copper /Nickle plated copper
5. Outer Jacket

Introduction

Marathon Heaters self regulating heating cable provide the most versatility in heat trace design and applications. Constructed of a Semi-conductive heater matrix extruded between parallel buswires, a self regulating cable adjusts its output to independently respond to ambient temperatures all along its length. As temperatures increase, the heater's resistance increase which lower the output wattage. Conversely, as the temperature decrease, the resistance decreases and the cable produces more heat. So it is no need thermostat in some applications. It will never overheat or burnout even when wrapped by itself(overlapped). It can be cut to any length. So it is a convenient, easy use and energy saving product.

Construction Data

Buswire size	1.37 mm ² tinned copper
Heating elements	PTC
Insulation	Fluoropolymer
Braiding	Tinned copper
Outjacket	Fluoropolymer

Cable Specifications

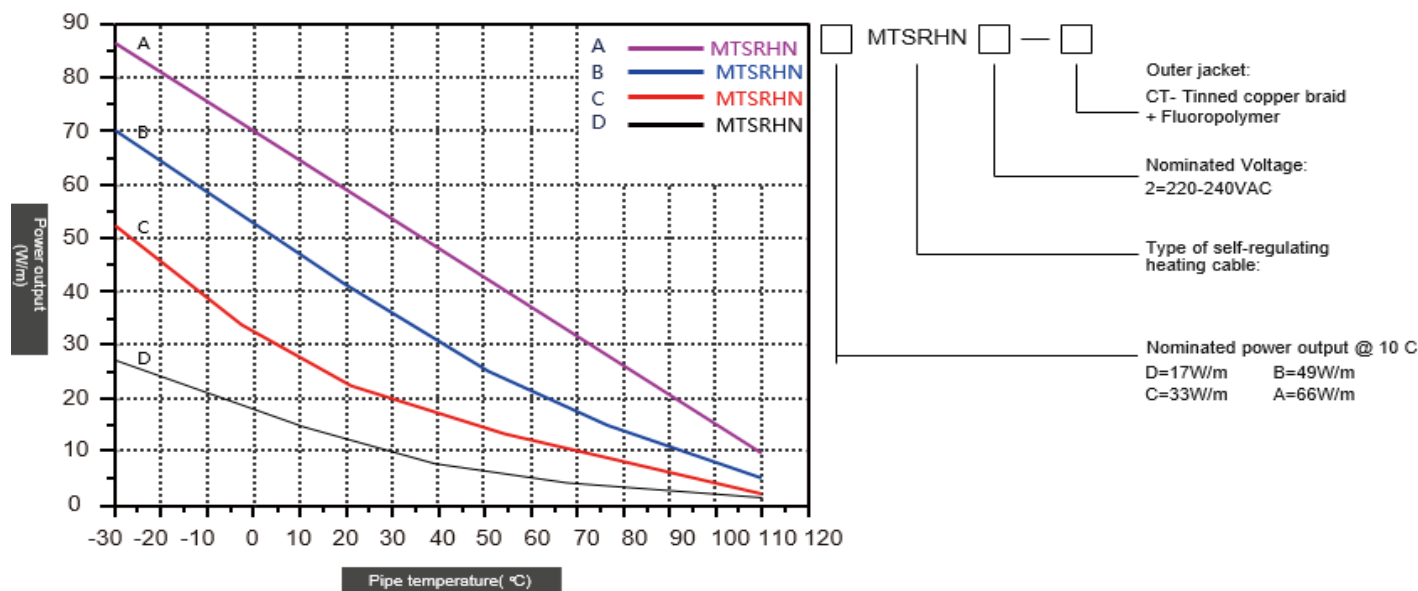
Output wattage at 10°C	17, 33, 49, 66 W/M
Braiding covering area	Over 85%
Max. maintain temp @ 10°C	110°C
Max. exposure temp.	135°C
Min. installation temp.	-60°C
Bending radius	10 times*cable thickness
Voltage	208-277 V
Insulation color	Grey/ Customize
Regular size to insulation	12.4*4.8mm (Width*Thickness)



SELF REGULATING HEATING CABLE

Graph of MTSRHN

Power output curve:



Max length(m)vs circuit breaker size

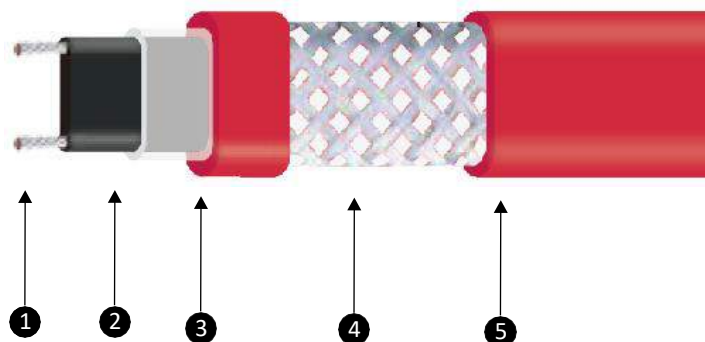
230V voltage level:

Circuit breaker size(A)	Start-up temperature (°C)	Maximum circuit length (m) (Type C circuit breaker based on IEC 60898 standard)			
		MTSRHN-17	MTSRHN-33	MTSRHN-49	MTSRHN-66
16	10	125	92	62	43
	0	116	86	58	39
	-10	107	79	53	36
	-20	98	72	49	33
	-40	85	63	42	28
20	10	148	115	77	53
	0	145	107	72	48
	-10	133	98	66	44
	-20	123	91	61	41
	-40	107	79	53	36
25	10	167	118	95	75
	0	167	118	90	68
	-10	167	118	83	63
	-20	167	113	76	58
	-40	155	98	66	50
32	10	167	118	95	83
	0	167	118	95	76
	-10	167	118	95	69
	-20	167	118	95	64
	-40	167	118	85	56
40	10	167	118	95	85
	0	167	118	95	85
	-10	167	118	95	85
	-20	167	118	95	82
	-40	167	118	95	71

SELF REGULATING HEATING CABLE

Construction

HTSRHN



1. Bus wires
2. Semi-conductive self regulating matrix
3. Inner Jacket
4. Tinned Plated Copper / Nickel Plated Copper
5. Outer Jacket

Introduction

Marathon Heaters self regulating heating cable provide the most versatility in heat trace design and applications. Constructed of a Semi-conductive heater matrix extruded between parallel buswires, a self regulating cable adjusts its output to independently respond to ambient temperatures all along its length. As temperatures increase, the heater's resistance increases which lowers the output wattage. Conversely, as the temperature decreases, the resistance decreases and the cable produces more heat. So it is no need thermostat in some applications. It will never overheat or burnout even when wrapped by itself (overlapped). It can be cut to any length. So it is a convenient, easy use and energy saving product.

Construction Data

Buswire size	1.37 mm ² Nickel Plated Copper
Heating elements	PTC self-regulating conductive core
Insulation	Fluoropolymer
Braiding	Tinned copper
Outjacket	Fluoropolymer

Cable Specifications

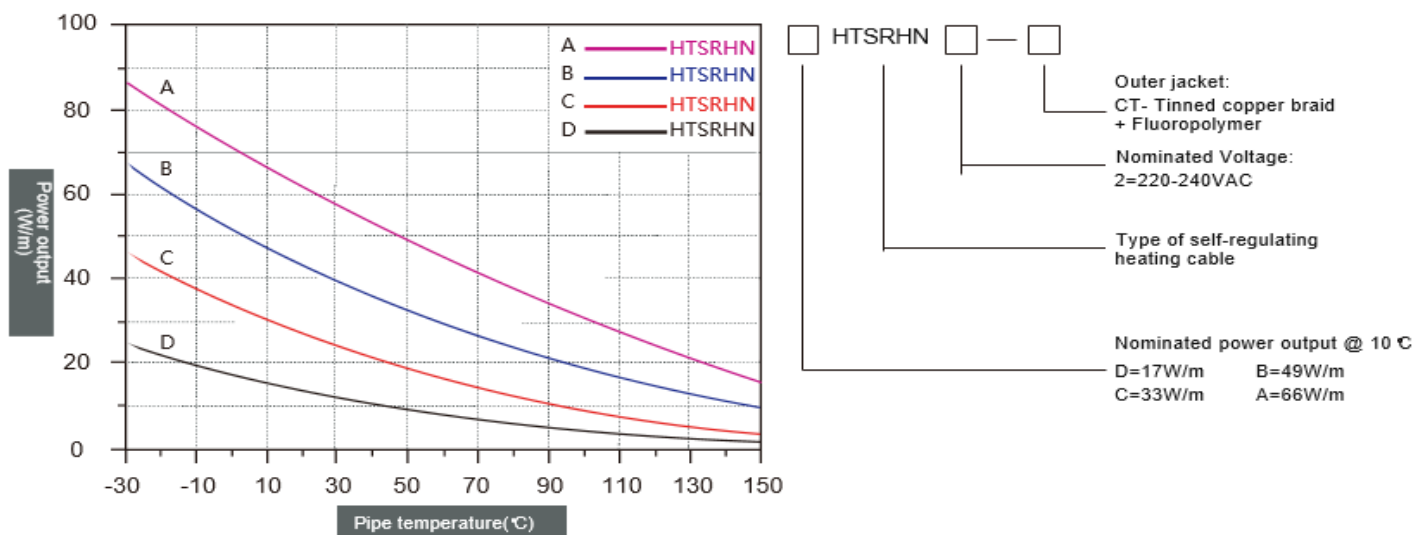
Output wattage at 10°C	17, 33, 49, 66 W/M
Braiding covering area	Over 85%
Max. maintain temp @ 10°C	150°C
Max. exposure temp.	250°C
Min. installation temp.	-60°C
Bending radius	10 times*cable thickness
Voltage	230 VAC
Insulation color	Red/Customized
Regular size to insulation	12.4*4.8 mm (Width*Thickness)



SELF REGULATING HEATING CABLE

Graph of HTSRHN

Power Output Curve:



Max length(m)vs circuit breaker size

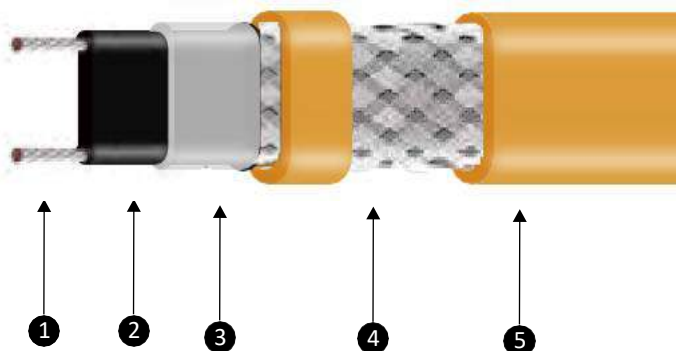
230V Voltage Level:

Circuit breaker size (A)	Start-up temperature (°C)	Maximum circuit length (m) (Type C circuit breaker based on IEC 60898 standard)			
		HTSRHN 17	HTSRHN 33	HTSRHN 49	HTSRHN 66
16	10	128	86	62	46
	0	122	77	61	45
	-10	112	70	58	42
	-20	103	61	51	39
	-40	90	52	45	34
20	10	154	107	77	57
	0	151	99	78	56
	-10	139	90	70	52
	-20	129	82	64	49
	-40	112	67	58	43
25	10	172	123	101	71
	0	168	119	95	70
	-10	156	111	87	65
	-20	149	95	80	61
	-40	138	83	70	54
32	10	178	123	101	90
	0	178	123	101	89
	-10	178	123	101	83
	-20	178	117	95	78
	-40	178	108	89	69
40	10	178	123	101	90
	0	178	123	101	90
	-10	178	123	101	90
	-20	178	123	101	90
	-40	178	123	101	86

SELF REGULATING HEATING CABLE

Construction

HTSRHNP



1. Bus wires
2. Semi-conductive self regulating matrix
3. Inner Jacket
4. Tinned Plated Copper / Nickel Plated Copper
5. Outer Jacket

Introduction

Marathon Heaters self-regulating heating cable provide the most versatility in heat trace design and applications. Constructed of a Semi-conductive heater matrix extruded between parallel buswires, a self-regulating cable adjusts its output to independently respond to ambient temperatures all along its length. As temperatures increase, the heater's resistance increase which lower the output wattage. Conversely, as the temperature decrease, the resistance decreases and the cable produces more heat. So it is no need thermostat in some applications. It will never overheat or burnout even when wrapped by itself(overlapped). It can be cut to any length. So it is a convenient ,easy use and energy saving product.

Construction Data

Buswire size	1.37 / 2.3 mm ² Nickel Plated Copper
Heating elements	PTC self-regulating conductive core
Insulation	Fluoropolymer
Braiding	Nickel Plated Copper
Outjacket	Fluoropolymer

Cable Specifications

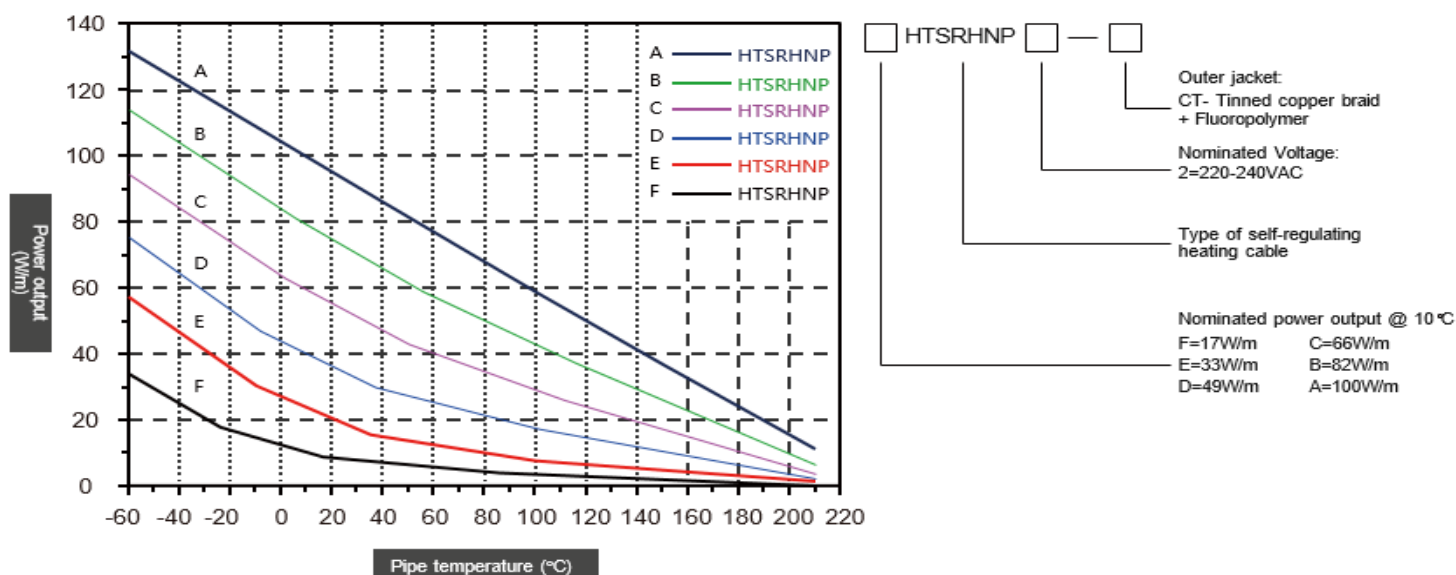
Output wattage at 10°C	16, 33, 49, 66, 82, 100 W/M
Braiding covering area	Over 85%
Max. maintain temp @ 10°C	210°C
Max. exposure temp.	260°C
Min.installation temp.	-60°C
Bending radius	10 times*cable thickness
Voltage	230 VAC
Insulation color	Orange / Customized
Regular size to insulation	12.4*4.8 mm (Width*Thickness)



SELF REGULATING HEATING CABLE

Graph of HTSRHNP

Power Output Curve:



Max length(m)vs circuit breaker size

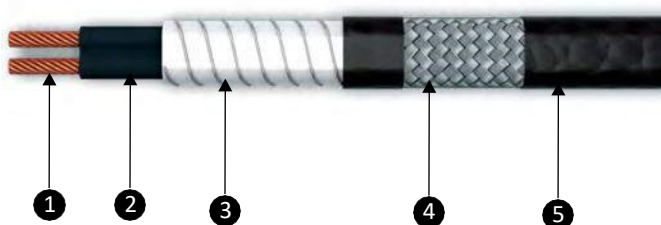
230V Voltage Level:

Circuit breaker size (A)	Start-up temperature (°C)	Maximum circuit length(m) (Type C circuit breaker based on IEC 60898 standard)					
		HTSRHNP-17	HTSRHNP-33	HTSRHNP-49	HTSRHNP-66	HTSRHNP-82	HTSRHNP-100
16	10	133	89	64	48	41	34
	0	127	80	63	46	39	33
	-10	116	73	58	43	38	31
	-20	108	63	53	40	36	30
	-40	94	54	46	36	33	28
20	10	160	111	80	59	52	43
	0	157	103	79	58	49	41
	-10	145	94	72	54	47	39
	-20	134	85	67	51	45	38
	-40	116	70	58	45	41	35
25	10	179	128	105	74	64	54
	0	175	124	99	72	62	51
	-10	162	115	90	68	59	49
	-20	155	99	84	63	56	47
	-40	144	86	72	56	52	43
32	10	185	128	105	94	83	69
	0	185	128	105	93	79	66
	-10	185	122	105	86	75	63
	-20	185	112	99	81	72	60
	-40	185	120	93	72	66	55
40	10	185	128	105	94	87	80
	0	185	128	105	94	87	80
	-10	185	128	105	94	87	78
	-20	185	128	105	94	87	75
	-40	185	128	105	89	83	69

CONSTANT WATTAGE PARALLEL HEAT TRACE

Construction

CWPHT



1. Bus wires
2. Bus Wire Insulation
3. Heating wire
4. Braiding
5. Outer Jacket

Introduction

Parallel circuit Heating cables are constant watt arrangement designed to put out a certain amount of wattage per linear foot of cable. These are generally constructed of two #12AWG polymer insulated parallel bus wires with a nickel alloy heating element wire wrapped alternatively along the insulated bus wires. These connections are made at the 'NODE' point where the nickel-alloy heating element is either welded or connected by rivets. The entire element assembly is then dielectrically insulated with an additional polymer jacket. The power output per unit length is constant, regardless of the overall length of the heating unit. The parallel arrangement preserves systems integrity i.e. if any section of cable should fail, the rest of the heater will continue to operate. Ideally suited for applications where a particular watt density is required at all times such as freeze protection and many other low temperature process control applications

Construction Data

Buswire size	2X AWG 18 to AWG 15 Stranded Nickel Plated Copper
Buss Wires Insulation	PTFE
Heating Wire	Nichrome
Braiding	Nickel Plated copper Braided
Outer Jacket	PTFE

Cable Specifications

Output wattage at 10°C	20, 30, 40, 50, 60 W/M
Braiding covering area	Over 85%
Surface Temperature	200°C
Max. exposure temperature	230°C
Cut to Length	Yes
Min Bending radius	25 mm
Voltage	230 V / Customise
Insulation	Dark Brown

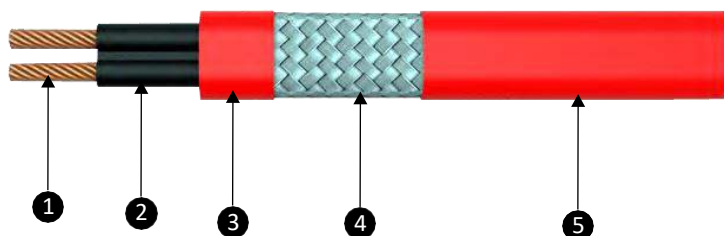
Maximum Circuit Length(M)

Voltage - 230 VAC			
Model	Nominal output W/m	Circuit Load	Max. Circuit Length (Meter)
CWPHT	20	0.086956522	184
	30	0.130434783	123
	40	0.173913043	115
	50	0.217391304	92
	60	0.260869565	77

CONSTANT WATTAGE SERIES HEAT TRACE

Construction

CWSHT



1. Heating element
2. Heating element Insulation
3. Inner Jacket
4. Braiding
5. Outer Jacket

Introduction

Series resistance-type heater cables use single or multiple resistive conductors to create a heating circuit. Power output of these cables is relatively constant and as voltage is applied, the power output is determined by a combination of the length of the cable and the overall resistance of the conductor. heating cable's current and resistance is equal to all length heating cable, so the heating value of each unit is equally, not result in the power of terminal end is lower than beginning end with the increasing length of heating cable, so it is suit for long line pipes and large diameter pipe's heat tracing or temp. maintenance, the cable can NOT cut to be length.

Construction Data

Heating element	Nichrome / Copper Nickel
Heating element Insulation	PTFE
Inner Jacket	PTFE
Braiding	Tinne Copper Braid
Outer Jacket	PTFE

Cable Specifications

Output wattage at 10°C	Customize W/M
Braiding covering area	Over 85%
Surface Temperature	200°C
Max. exposure temperature	230°C
Maximum Circuit Length	3 KM
Min Bending radius	45 mm
Voltage	230 V / Customise
Insulation	Red

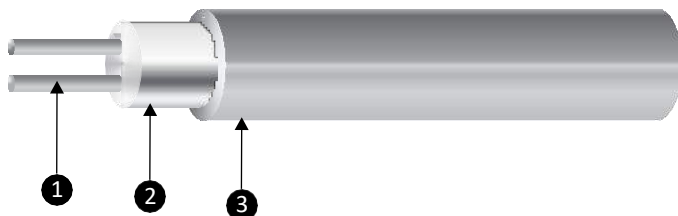
Maximum Circuit Length(M)

Voltage - 230 VAC			
Model	Wattage	Conductor Size (mm)2	Resistance 20°C Ohms/m
CWSHT	40	1.3	0.01492
	50	2.1	0.009449
	60	3.3	0.005945
	70	5.3	0.003478

MINERAL INSULATED HEAT TRACE

Construction

MIHT



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

Output wattage at 20°C	Customise W/M
Max. Operating temperature (w.r.t. Sheath Material)	SS: 600°C Inconel (600): 800°C
Min Bending radius	3D (D - pipe OD)
Voltage	230 V / Customise

Available Range

Sr. No.	Sheath Material	Core Material	Cable Diameter (mm) (+/- 0.20 mm)	Nominal Core Resistance at 20°C. Ω/Mtr (+/- 10%)	Conductor CSA (mm ²)	Nominal Coil Length (Mtr)
1.1	SS 316L	Nichrome	6.5 mm	0.160 Ω	6.875 mm ²	45 Mtr
1.2		Nichrome	5.3 mm	0.250 Ω	4.400 mm ²	65 Mtr
1.3		Nichrome	4.7 mm	0.400 Ω	2.750 mm ²	75 Mtr
1.4		Nichrome	4.3 mm	0.630 Ω	1.746 mm ²	85 Mtr
1.5		Nichrome	3.9 mm	1.000 Ω	1.100 mm ²	100 Mtr
1.6		Nichrome	3.6 mm	1.600 Ω	0.688 mm ²	120 Mtr
1.7		Nichrome	3.4 mm	2.500 Ω	0.440 mm ²	130 Mtr
1.8		Nichrome	3.2 mm	4.000 Ω	0.275 mm ²	150 Mtr
1.9		Nichrome	3.2 mm	6.300 Ω	0.175 mm ²	150 Mtr
1.10		Nichrome	3.2 mm	10.000 Ω	0.110 mm ²	150 Mtr
1.11	SS 316L	Constantan	4.9 mm	0.160 Ω	3.000 mm ²	70 Mtr
1.12		Constantan	4.4 mm	0.250 Ω	1.920 mm ²	85 Mtr
1.13		Constantan	4.0 mm	0.400 Ω	1.200 mm ²	100 Mtr
1.14		Constantan	3.7 mm	0.630 Ω	0.762 mm ²	120 Mtr
1.15		Constantan	3.4 mm	1.000 Ω	0.480 mm ²	130 Mtr
1.16		Constantan	3.2 mm	1.600 Ω	0.300 mm ²	150 Mtr

MINERAL INSULATED HEAT TRACE

Available Range

Sr. No.	Sheath Material	Core Material	Cable Diameter (mm) (+/- 0.20 mm)	Nominal Core Resistance at 20°C. Ω /Mtr (+/- 10%)	Conductor CSA (mm ²)	Nominal Coil Length (Mtr)
1.17	SS 316L	Copper	5.9 mm	0.004 Ω	4.250 mm ²	55 Mtr
1.18		Copper	5.3 mm	0.007 Ω	2.429 mm ²	60 Mtr
1.19		Copper	4.9 mm	0.011 Ω	1.545 mm ²	65 Mtr
1.2		Copper	4.6 mm	0.017 Ω	1.000 mm ²	75 Mtr
1.21		Copper	3.7 mm	0.025 Ω	0.680 mm ²	120 Mtr
1.22		Copper	3.4 mm	0.040 Ω	0.425 mm ²	130 Mtr
1.23		Copper	3.2 mm	0.063 Ω	0.270 mm ²	150 Mtr
1.24		Copper	3.2 mm	0.098 Ω	0.173 mm ²	150 Mtr
2.1	INCONEL 600	Nichrome	6.5 mm	0.160 Ω	6.875 mm ²	40 Mtr
2.2		Nichrome	5.3 mm	0.250 Ω	4.400 mm ²	65 Mtr
2.3		Nichrome	4.7 mm	0.400 Ω	2.750 mm ²	70 Mtr
2.4		Nichrome	4.3 mm	0.630 Ω	1.746 mm ²	80 Mtr
2.5		Nichrome	3.9 mm	1.000 Ω	1.100 mm ²	95 Mtr
2.6		Nichrome	3.6 mm	1.600 Ω	0.688 mm ²	110 Mtr
2.7		Nichrome	3.4 mm	2.500 Ω	0.440 mm ²	120 Mtr
2.8		Nichrome	3.2 mm	4.000 Ω	0.275 mm ²	140 Mtr
2.9		Nichrome	3.2 mm	6.300 Ω	0.175 mm ²	140 Mtr
2.10		Nichrome	3.2 mm	10.000 Ω	0.110 mm ²	140 Mtr
2.11	INCONEL 600	Constantan	4.9 mm	0.160 Ω	3.000 mm ²	65 Mtr
2.12		Constantan	4.4 mm	0.250 Ω	1.920 mm ²	80 Mtr
2.13		Constantan	4.0 mm	0.400 Ω	1.200 mm ²	95 Mtr
2.14		Constantan	3.7 mm	0.630 Ω	0.762 mm ²	110 Mtr
2.15		Constantan	3.4 mm	1.000 Ω	0.480 mm ²	120 Mtr
2.16		Constantan	3.2 mm	1.600 Ω	0.300 mm ²	140 Mtr

Cold Length can be customized based on the requirement.



Dual Side Welded Cold Region MI Cable

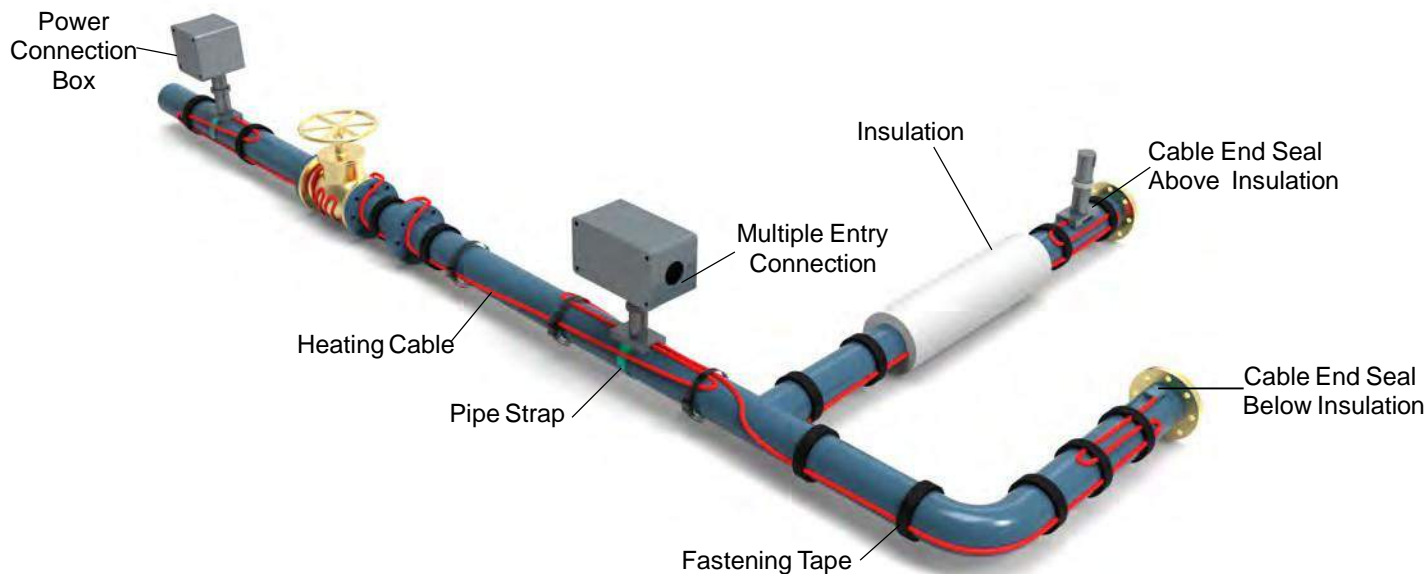


Welded Cold Region MI Cable



Extended Cold Region (ECR) MI Cable

EHT System Accessories



Fastening Tapes & Clamp

Fastening Tape & Clamp for fixing the heating cable, and for mounting the bracket



Insulation entry kits

Bushings protect against mechanical damage to the heating cable and capillary of the thermostat



Junction Boxes

Junction boxes for connecting heating cable - used for power, connecting and branching of heating cables.



Termination kits

The termination kit contains everything needed for the completion of the cable at both powered and unpowered side.



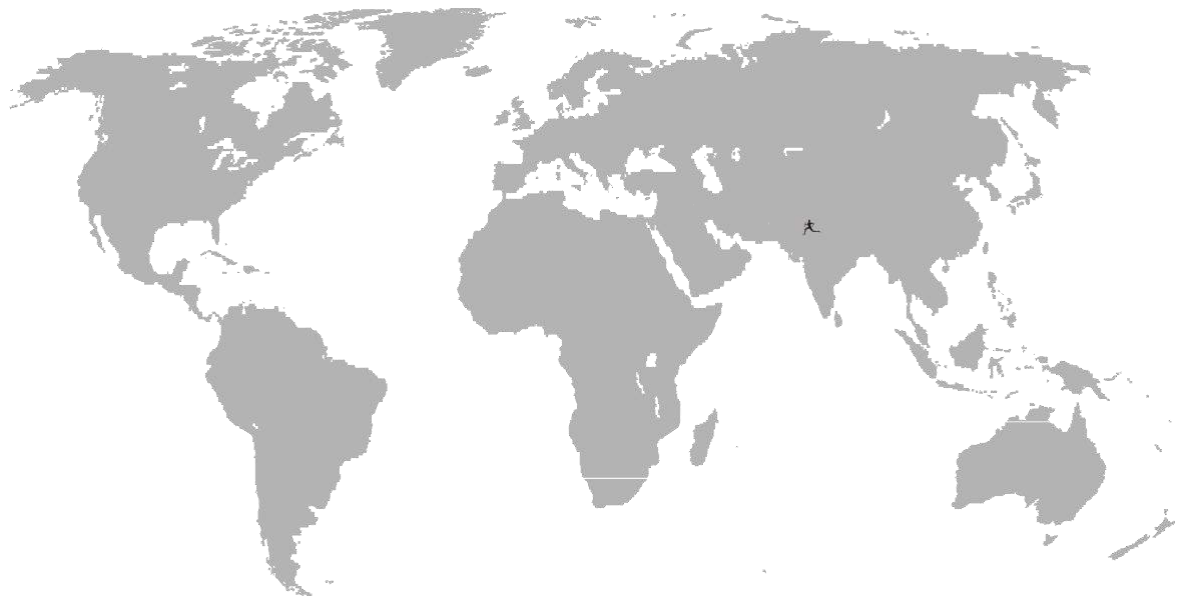
Control Panel

Control panel are complete control solutions for heat trace applications and provides temperature control, monitoring and power management.



Warning Labels

Warning labels on the insulation indicating presence of an electric heater.



ENGINEERED SOLUTIONS FOR HEATING & SENSING



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TempSens

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