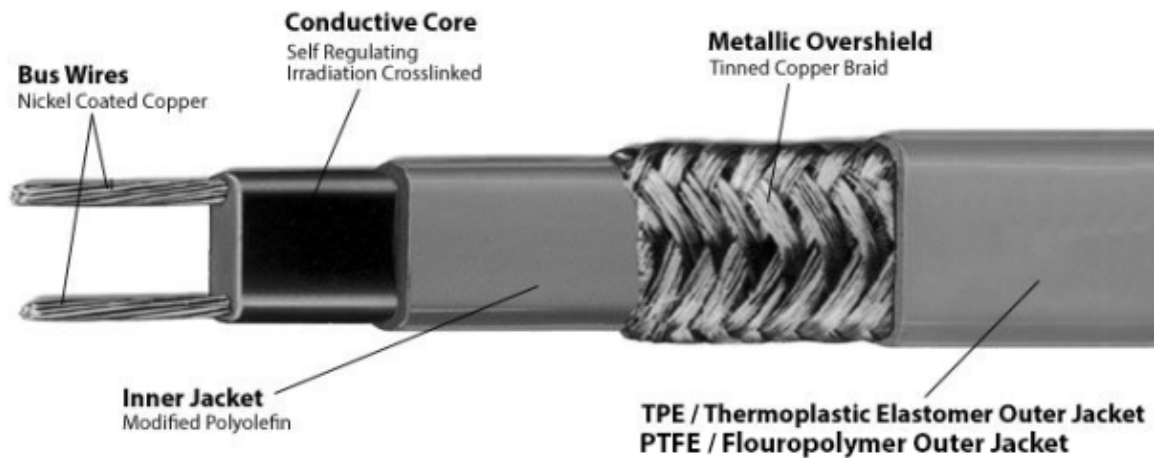




LOW TEMP SELF-REGULATING HEATING CABLE (150F)



INFORMATION

- Ideal for pipe tracing, freeze protection, and low temperature process maintenance applications up to 150°F (66°C).
- Self-limiting: Automatically adjusts heat output based on surface temperature.
- Safe to overlap and insulate.
- Can be cut-to-length and terminated in the field.
- No temperature controller is required. (If a specific process temperature is needed, a temperature controller is required.)

SPECIFICATIONS

Continuous maintenance temperature:	150°F (66°C) maximum
Intermittent exposure temperature:	185°F (85°C) maximum; -20°F (-29°C) minimum
Wattage:	3, 5, 8, or 10 watts/ft (10, 16, 26, or 33 watts/m)
Supply Voltages:	110 – 120VAC or 208 – 277VAC
Braid resistance:	Tinned copper: 0.003 ohms/ft (0.009 ohms/m) Stainless steel: 0.125 ohms/ft (0.410 ohms/m)
T-Rating**:	-T6: 3, 5, and 8 watts/ft (10, 16, and 26 watts/m) -T5: 10 watts/ft (33 watts/m)
Moisture, chemical, and flame resistant	
16AWG bus wires	

**** Electrical equipment T-rating codes define the maximum surface temperature that equipment will reach. It is used in hazardous (classified) area applications.**

SELECTING HEATER LENGTH

Outer Layer Options		
Description	Dimensions	Purpose
Tinned Copper Metal Braid	0.2" x 0.4" (6mm x 11mm)	Ordinary applications
Tinned Copper Metal Braid with Thermoplastic Elastomer Over-jacket	0.3" x 0.6" (7mm x 15mm)	For use in weak chemical environments (i.e. weak acids)
Tinned Copper Metal Braid with Fluoropolymer Overjacket	0.3" x 0.6" (7mm x 15mm)	For use in strong chemical environments (i.e. strong acids)
Stainless Steel Metal Braid	0.2" x 0.4" (6mm x 11mm)	More resistant to rusting and corrosion than SL-B

Maximum Circuit Length in Feet per Circuit Breaker Size

Heat Cable Type	Circuit Breaker Size	Start-up Temperature		
		50°F (10°C)	0°F (-20°C)	-20°F (-29°C)
3 watt 120V	15 amp	300	200	180
	20 amp	–	270	230
	30 amp	–	330	330
3 watt 240V	15 amp	660	410	360
	20 amp	–	560	480
	30 amp	–	660	660
5 watt 120V	15 amp	230	150	130
	20 amp	270	200	175
	30 amp	–	270	260
5 watt 240V	15 amp	460	300	260
	20 amp	540	400	345
	30 amp	–	540	520
8 watt 120V	15 amp	150	95	85
	20 amp	200	125	100
	30 amp	210	190	170
	40 amp	–	210	210
8 watt 240V	15 amp	295	195	170
	20 amp	390	250	225
	30 amp	420	375	340
	40 amp	–	420	420

10 watt 120V	15 amp	115	70	60
	20 amp	150	95	85
	30 amp	180	145	120
	40 amp	–	180	165
10 watt 240V	15 amp	230	150	130
	20 amp	305	200	175
	30 amp	360	300	260
	40 amp	–	360	360

Note: Special consideration must be given for the circuit breaker due to the high initial in-rush currents.

Voltage Adjustment

POWER ADJUSTMENT FACTOR

Product Type	208 VAC	277 VAC
3 watt 240V	0.75	1.28
5 watt 240V	0.86	1.16
8 watt 240V	0.91	1.10
10 watt 240V	0.93	1.08