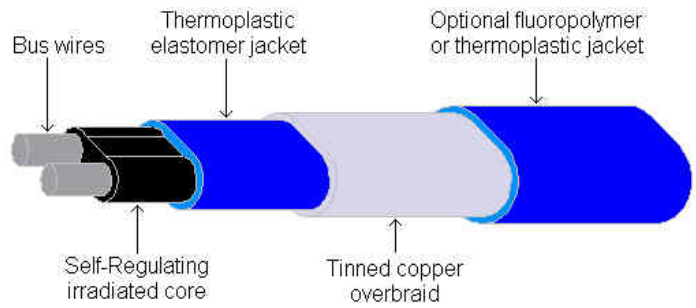
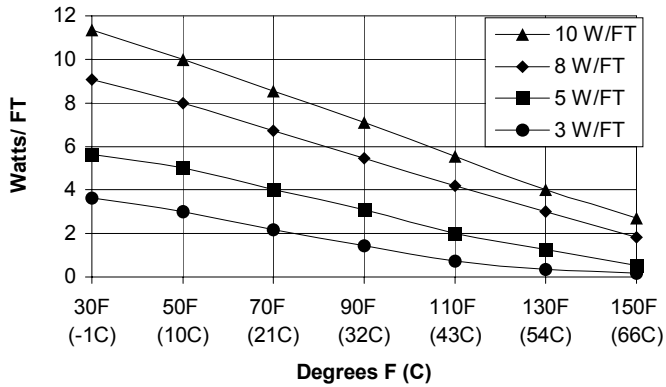


SL-CAB Self-Regulating Heat Cable

Self-Regulating heating cable provides effective heating for plastic or metal pipes. Applications range from freeze protection to low temperature process maintenance.

The heat output (watts per foot) of SL cable varies with temperature. Rated watts per foot are based on thermal output at 50°F (10°C). Please see the table below for the output at specific temperatures.



SL Cable Part Number Selection Guide

SLCAB 3 120 B F

Self Regulating Cable _____

Watts/ ft (M): _____
3, 5, 8, 10 (9.8, 16.4, 26.2, 32.8)

Voltage: _____
120, 240

Tinned Copper Metal Braid _____

Optional Outer Jacket: _____

P= Thermoplastic Elastomer
For use in weak chemical environments. (i.e. weak acids).

F= Fluoropolymer,
For use in strong chemical environments (i.e. strong acids).

Also available with stainless steel overbraid and monitor wire. Please consult your local distributor for price, delivery and minimum quantity.

Circuit Breaker Selection

Heat Cable Type	Circuit Breaker Size	Circuit Length at Start-up Temperature		
		50°F (10°C)	0°F (-20°C)	-20°F (-40°C)
SL-3-120	15 amp	300	200	180
	20 amp	330	270	230
	30 amp	-	330	330
SL-3-240	15 amp	660	410	360
	20 amp	-	560	480
	30 amp	-	660	660
SL-5-120	15 amp	230	150	130
	20 amp	270	200	175
	30 amp	-	270	260
	40 amp	-	-	270
SL-5-240	15 amp	460	300	260
	20 amp	540	400	345
	30 amp	-	540	520
	40 amp	-	-	540
SL-8-120	15 amp	150	95	85
	20 amp	200	125	100
	30 amp	210	190	170
	40 amp	-	210	210
SL-8-240	15 amp	295	195	170
	20 amp	390	250	225
	30 amp	420	375	340
	40 amp	-	420	420
SL-10-120	15 amp	115	70	60
	20 amp	150	95	85
	30 amp	180	145	120
	40 amp	-	180	165
SL-10-240	15 amp	230	150	130
	20 amp	305	200	175
	30 amp	360	300	260
	40 amp	-	360	360

Cable type	Maximum circuit length, linear feet (M) of SL cable	
	120VAC	240VAC
3 watts/ ft (9.8 watts/ m)	330 (100.5)	660 (201.2)
5 watts/ ft (16.4 watts/ m)	270 (82.3)	540 (164.6)
8 watts/ ft (26.2 watts/ m)	210 (64.0)	420 (128.0)
10 watts/ ft (32.8 watts/ m)	180 (54.9)	360 (109.7)

Watts per foot are based on a thermal output at 50°F (10°C).

Approvals:

- CSA
- IEEE Std 515 RU
- Factory Mutual, *Requires Aluminum adhesive tape (page 7-14):*
 - Ordinary Locations
 - Hazardous Locations:
 - Class I, Division 2, Groups B, C, & D.
 - Class II, Division 2, Groups F, & G.
 - Class III, Division 1 and 2.
- T5 Rated

Specifications:

- Maximum energized temperature is 150°F (66°C).
- Maximum de-energized temperature is 185°F (85°C).
- Moisture and Chemical resistant.
- Flame resistant.
- Radiation resistant.
- 16AWG bus wires.
- Dimensions 0.130" x 0.450" (0.330 x 1.143 cm).
- 39.5 lb. (17.9 Kg.) per 500-foot (152.4 M) spool.

Due to the variable power density of Self-Regulating cable, the current required at start up is greater than the running current. The start up current for Self-Regulating cable is drawn for longer than typical inrush current. Because of this, special consideration must be given to circuit breaker selection. Please see the Circuit Breaker Selection table for proper circuit breaker selection.