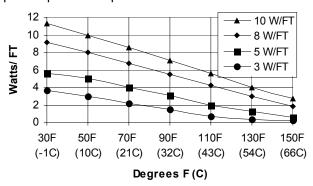
Self-Regulating Heating Cable (SL Series)



Self-Regulating Heating Cable (SL Series) 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.



Watts per foot are based on a thermal output at $50 \,^{\circ}\text{F}$ (10 $^{\circ}\text{C}$).

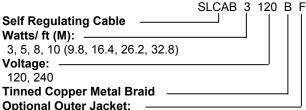
Circuit Breaker vs. Heating Cable Length Selection Guide

Heat	Circuit	g Cable Length Selection Guide Circuit Length at Start-up Temperature			
Cable	Breaker	50°F 0°F -20°F			
Type	Size	(10°C)	(-20°C)	(-40°C)	
SL-CAB-3-120	15 amp	300	200	180	
	20 amp	330	270	230	
	30 amp	-	330	330	
SL-CAB-3-240	15 amp	660	410	360	
	20 amp	-	560	480	
	30 amp	-	660	660	
SL-CAB -5-120	15 amp	230	150	130	
	20 amp	270	200	175	
	30 amp	-	270	260	
	40 amp	-	-	270	
SL-CAB -5-240	15 amp	460	300	260	
	20 amp	540	400	345	
	30 amp	-	540	520 540	
SL-CAB -8-120	40 amp	150	95		
SL-CAB -0-120	15 amp 20 amp	200	125	85 100	
	30 amp	210	190	170	
	40 amp	-	210	210	
SL-CAB -8-240	15 amp	295	195	170	
OL 0/18 0 240	20 amp	390	250	225	
	30 amp	420	375	340	
	40 amp	-	420	420	
SL-CAB -10-120	15 amp	115	70	60	
	20 amp	150	95	85	
	30 amp	180	145	120	
	40 amp	-	180	165	
SL-CAB -10-240	15 amp	230	150	130	
	20 amp	305	200	175	
	30 amp	360	300	260	
	40 amp	-	360	360	

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 vs. Heating Cable Length Selection Guide for proper circuit breaker selection.



SL Cable Part Number Selection Guide



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 factory for price, delivery and minimum quantity.

Approvals:



APPROVED Requires aluminum adhesive tape:
 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 exposure temperature is 150°F (66°C)
- Moisture and chemical resistant
- Flame resistant
- Radiation resistant
- 16AWG bus wires
- Dimensions 0.13" x 0.45" (3.30 x 11.43mm)
- 39.5 lb. (17.9 Kg) per 500-foot (152.4 M) spool



SL Series Connection/Termination Kits



SLCABUC: Universal Connection Kit.

1-3/4 NPT pipe standoff

2-Ring terminals

4-Large, insulated crimp connectors

2-Small, insulated crimp connectors

2-Pipe straps (for up to 6" pipe)

2-Heat shrink end caps

1-Heat shrink tube

1-3 oz. Tube RTV sealant

1-Roll fiberglass tape

1-Caution label

SLCABSK: Splice Kit. 30-Large, insulated crimp connectors

10-Heat shrink tubes

One 3 oz. Tube RTV sealant

SLCABKC: Lead/ End Seal Kit. 10-Heat shrink end caps **USAGE**

Enough to complete:

Two end terminations and one input connection, or one splice, or one input

power splice.

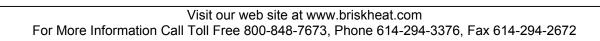
NOTE: Requires Junction

Enough to complete:

Ten inline splices, or Ten tee splices.

Enough to complete:

Ten end terminations.





Accessories for Heating Cable

ACCESSORY	DESCRIPTION	PART NUMBER	
Fiberglass Adhesive Tape	Pressure sensitive fiberglass adhesive tape. Used to secure heating cable to pipe.	PSAT36 (0.5in x 36yd.), (12.7mm x 32.9M)	Temp Limit 350°F (176°C)
Aluminum Adhesive Tape	Helps to isolate the cable from the insulation and provides intimate contact with pipes, tanks, and plates.	AAT260 (2" x 180'), (50.8mm x 54.9M) AAT2180 (2" x 180'), (50.8mm x 54.9M)	Temp Limit 350°F (176°C) 550°F (288°C)
Pipe Straps			
	Stainless steel pipe straps used to secure pipe standoff to pipe.	BPSCAB1-2.3 BPSCAB2.3-12	Max Pipe OD 2.3" (58.4mm) 12" (304.8mm)
Caution Labels BriskHeat Caution Cauti	Electrical heat trace warning label. Required by code for every 10 feet of pipe.	BCLCAB	
Heat Conductive			
Putty Brisk Heat Last conduction from Annual Conduc	Used to fill voids between cable and pipe surface.	HCP 1 (1 lb.)(0.45kg) HCP 3 (3 lb.)(1.36kg)	
Junction Box	Single or dual hub with cover. 1" NPT thread.	JBACAB 001 (Single Hub) JBACAB 002 (Double Hub)	
Pipe Standoff	One cast aluminum fitting with 1" NPT thread.	PSOCAB010	
RTV	Silicone sealant (3 oz.) used to seal lead pouches, end pouches, and pipe standoffs.	RTV3.0	
Monitor Light Kit	Provides a continuity check at the termination end of a cable circuit.	MLK1 001 (120V Single Hub) MLK2 001 (240V Single Hub) MLK1 002 (120V Double Hub) MLK2 002 (240V Double Hub)	
Monitor Light	Replacement bulbs for the monitor	MLBCAB 001 (120V Bulb)	
Bulbs Reducer	light kits.	MLBCAB 002 (240V Bulb)	-
Neducei	Adapts .75" NPT male to 1" NPT female.	BPRCAB 010	