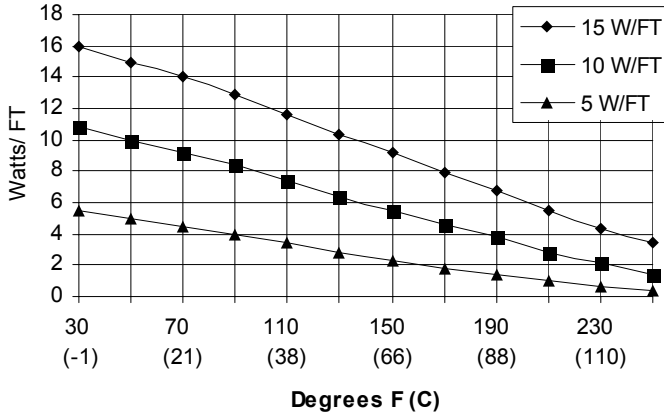


Self-Regulating Mid-Temperature Heating Cable (SML Series) provides safe effective heating for plastic or metal pipes. Applications range from freeze protection to low temperature process maintenance.

The heat output (watts per foot) of SLM 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.

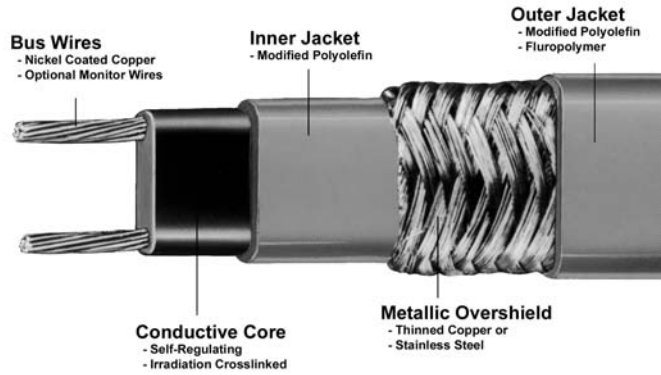


Watts per foot are based on a thermal output at 50°F (10°C).

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.

Circuit Breaker vs. Heating Cable Length Selection Guide

Heat Cable Type	Circuit Breaker Size	Circuit Length at Start-up Temperature		
		50°F (10°C)	0°F (-20°C)	-20°F (-40°C)
SLM-CAB-5-120	15 amp	150	135	130
	20 amp	200	180	170
	30 amp	240	220	210
SLM-CAB-5-240	15 amp	250	230	220
	20 amp	330	305	295
	30 amp	480	440	420
SLM-CAB-10-120	15 amp	90	85	80
	20 amp	120	110	105
	30 amp	180	165	160
SLM--CAB 10-240	15 amp	140	130	125
	20 amp	190	175	170
	30 amp	280	260	250
SLM--CAB 15-120	15 amp	70	65	60
	20 amp	90	85	80
	30 amp	135	125	120
SLM--CAB 15-240	15 amp	100	95	90
	20 amp	135	125	120
	30 amp	200	185	180



SLM Cable Part Number Selection Guide

SLMCAB 5 120 B F

Self Regulating _____
 Mid-Temperature Cable _____
 Watts/ ft (M): _____
 5, 10, 15 (16.4, 32.8, 49.2)
 Voltage: _____
 120, 240
 Metal Braid _____
 Optional Fluoropolymer Jacket _____

*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
- T3 Rated
-

Specifications:

- Maximum exposure temperature is 250°F (121°C)
- Moisture and chemical resistant
- Flame resistant
- Radiation resistant
- 16AWG bus wires
- Dimensions 0.19" x 0.50" (4.83 x 12.70mm)
- 50.2 lb. (22.8 Kg.) per 500-foot (152.4 M) spool

KITS**SLMCABUC: Universal Connection Kit.**

- 1-Pipe standoff
- 2-Ring Terminals
- 1-Screw
- 3-Large, crimp connectors
- 2-Small, crimp connectors
- 2-Pipe straps
- 2-End Boots
- 1-3 oz. Tube RTV sealant
- 1-Roll fiberglass tape
- 1-Caution label

SLMCABKC: Lead/ End Seal Kit.

- 10-End boots
- 4-Rolls fiberglass tape
- 1-3 oz. Tube RTV sealant

USAGEEnough to complete:









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

NOTE: Requires Junction box.

Enough to complete:

Ten end terminations.



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 	Electrical heat trace warning label. Required by code for every 10 feet of pipe.	BCLCAB	
Heat Conductive Putty 	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 Bulbs	Replacement bulbs for the monitor light kits.	MLBCAB 001 (120V Bulb) MLBCAB 002 (240V Bulb)	
Reducer 	Adapts .75" NPT male to 1" NPT female.	BPRCAB 010	