

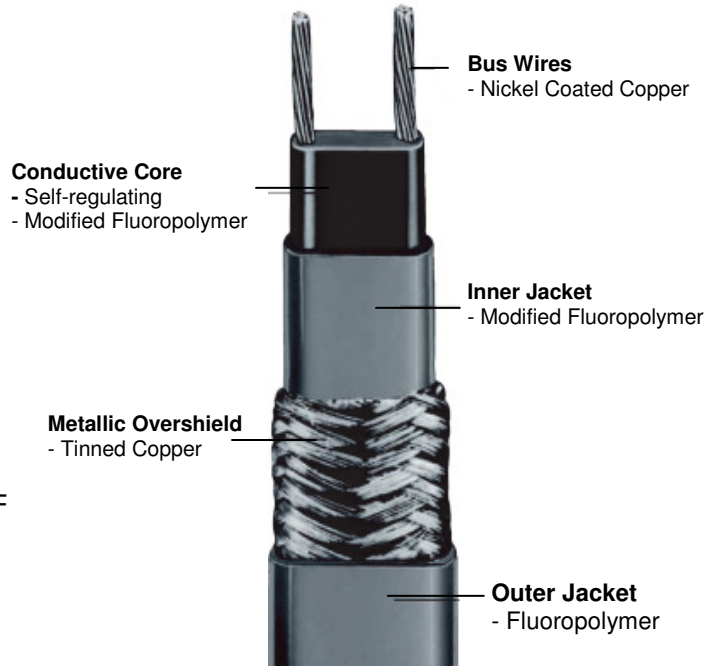
SLMCAB Self-Regulating Mid-Temp. Heat Cable

Product Highlights

- Ideal for freeze protection and low temperature process maintenance up to 250°F (120°C)
- 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 required unless a specific process temperature is required

Specifications

- Continuous maintenance temperature: 250°F (120°C) maximum
- Intermittent exposure temperature: 366°F (185°C) maximum
- 5, 10, or 15 w/ft
- Supply voltages: 110-120VAC or 208-277VAC
- Moisture, chemical, and flame resistant
- 16AWG bus wires
- Tinned Copper braid resistance: 0.003 ohms/ft
- T-Rating: T-3 (code defines maximum surface temperature that equipment can reach. It is used in hazardous applications.



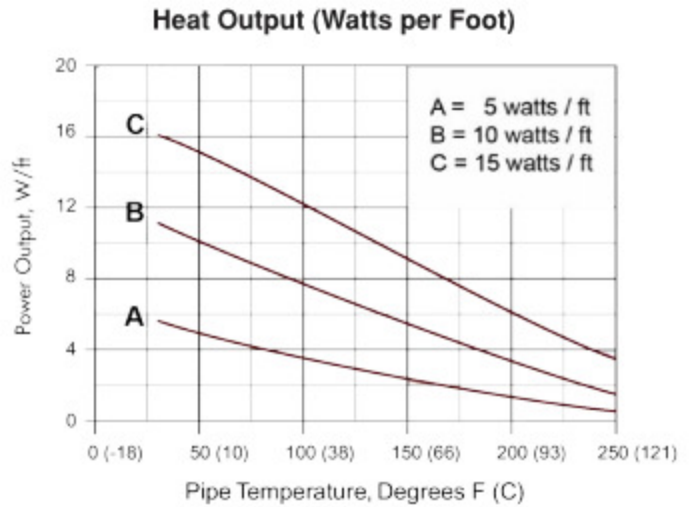
Approvals:



Ordinary Locations 2E, 3(A,B,C), 5(A,B)
 Hazardous (Classified) Locations
 Class I, Division 2, Groups B, C, D
 Class II, Division 2, Groups E, F, G
 Class III, Division 2



Ordinary Locations
 Hazardous (Classified) Locations
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Product Type	Description	Purpose
SLMCAB-B	Tinned Copper Metal Braid	Ordinary locations
SLMCAB-BF	Tinned copper Metal Braid with Fluoropolymer Overjacket	For use in strong chemical environments (ex. strong acids)

SLMCAB FM Approved Connection/Termination Kits

KITS

SLMCABUC: SLMCAB Universal Connection Kit. FM approved.

- 1 3/4" (19mm) NPT pipe standoff
- 2 Ring terminals
- 3 Large, crimp connectors
- 2 Small, crimp connectors
- 2 Pipe straps (for up to a 6" [152mm] IPS pipe)
- 2 End boots
- 1 3 oz. (89ml) tube of RTV sealant
- 1 Roll of fiberglass tape
- 1 Caution label
- 1 Ground screw

SLMCABKC: SLMCAB End Seal Kit. FM approved.

- 10 End boots
- 4 Rolls of fiberglass tape
- 1 3 oz. (89ml) tube of RTV sealant

USAGE



Ordinary Locations
 Hazardous (Classified) Locations
 Class I, Division 2, Groups B, C, D
 Class II, Division 2, Group E, F, G
 Class III, Division 2

Approvals valid only when used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.

Enough to complete:

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

NOTE: Requires a 3/4" (19mm) NPT junction box.

Enough to complete:

Ten end terminations

SLMCAB CSA Approved Connection/Termination Kits

KITS

SLCABUC-CSA: SLCAB and SLMCAB Universal Connection Kit. CSA approved.

- 1 Connector body
- 1 Connector cap
- 2 Connector gland washers
- 1 Grommet
- 1 Termination boot
- 1 Strain relief grip
- 1 Standoff bracket
- 1 Locknut
- 1 Termination block
- 1 Roll of fiberglass tape
- 1 Silicone sealant
- 1 Pipe strap (for 2" to 6" [51 to 152mm] O.D. pipes)
- 1 Ring tongue terminal
- 1 End seal kit

SLCABEND-CSA: SLCAB and SLMCAB End Seal Kit. CSA approved.

- 1 End cap
- 1 Clamp
- 1 Sealant

USAGE



Ordinary Locations 2E, 3(A,B,C), 5(A,B)
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Approvals valid only when used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.

Enough to complete:

One input connection and one end termination. Splices and power input splices can be made using two kits.

NOTE: Requires a 3/4" (19mm) NPT junction box.

Enough to complete:



One end termination

Accessories for SLMCAB Heat Cable



Junction Box

Metallic Junction Box with 1" (25mm) NPT thread. Includes watertight cover and 3/4" (19mm) NPT adaptor. Suitable for use in ordinary, wet locations with gasket when cover is closed. NEMA FB-1.

-  Listed File No. E3397 (UL 514A Standard)
-  Certified File No. LR11852 (CSA C22.2 No. 18 Standard)

Part Number	Description
JBM001	Single hub Dimensions: 2 7/8" X 4 5/8" X 2 7/8" (73 x 117 x 73mm)
JBM002	Double hub Dimensions: 2" X 4 5/8" X 2 7/8" (51 x 117 x 73mm)



Adhesive Tape

Helps to isolate the cable from the insulation and provides intimate contact with surface to be heated.

Part Number	Description
PSAT36A	Pressure Sensitive Fiberglass Adhesive Tape: Size: 0.5" x 108' (13mm x 38m) Temp Limit: 350°F (176°C)
AAT260	Aluminum Adhesive Tape: Size: 2" x 180' (51mm x 55m) Temp Limit: 350°F (176°C)
AAT2180	Aluminum Adhesive Tape: Size: 2" x 180' (51mm x 55m) Temp Limit: 550°F (288°C)



Caution Label

Required by code for every 10ft (3m) of pipe.

Part Number	Description
BCLCAB	Electrical heat trace warning label



RTV Sealant

Silicone sealant used to seal lead pouches, end pouches, and pipe standoffs.

Part Number	Description
RTV3.0	3 oz. (89ml)