

BriskHeat[®] KM Constant-Wattage Heating Cable

Product Highlights

- ✓ Temperatures up to 500°F (260°C)
- ✓ Power remains constant regardless of temperature
- ✓ Can be cut-to-length at job site
- ✓ 16 or 12AWG bus wires
- ✓ Ideal for a wide range of applications:
 - Freeze protection
 - Viscosity control
 - High temperature process control
 - Power plants
 - Oil refineries
 - Water treatment plants
 - Food processing plants
 - Other explosive atmospheres

Specifications:

- Maximum exposure temperature is 500°F (260°C)
- Moisture, chemical, flame and radiation resistant
- 12 or 16AWG bus wires
- Dimensions: 0.2" x 0.3" (5 x 8mm)
- Weight per 500-foot (152m) spool:
 - 16AWG cable: 37 lb (17kg)
 - 12AWG cable: 45 lb (20kg)

Approvals:



Ordinary Locations
 Hazardous Locations:
 Class I, Division 2, Groups B, C, & D
 Class II, Division 2, Groups 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.

Ordering Information:

Part Number Matrix

KMCAB 8 120 12

Watts / ft: _____
 4- (4), 8- (8), 12- (12)

Voltage: _____
 120- (120), 208- (208), 240- (240), 277- (277), 480- (480)

Bus Gauge: _____
 12- (12AWG), 16- (16AWG)

KM Connection / Termination Kits

Part Number	Description
KCABUC	Universal Connection / Termination Kit
KCABKC	Lead / End Seal Kit
KCABSK	Splice Kit
KCABLP	Lead Pouch
KCABEP	End Pouch

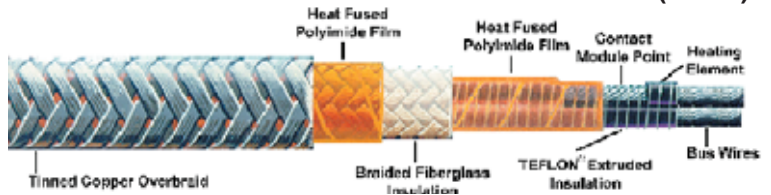
See page 8-15 through 8-16 for complete details on power connection / termination kits, monitor light kits, and accessories.

IMPORTANT: Temperature controller is required for this product. See page 10-1 for options.

Temperatures up to



500°F (260°C)



Maximum Circuit Length in ft (m)

Cable Type	120VAC	208VAC	240VAC	277VAC	480VAC
4 watts/ft 16AWG (13 watts/ m)	190 (58)	329 (100)	380 (116)	439 (134)	760 (232)
4 watts/ft 12AWG (13 watts/ m)	310 (94)	537 (164)	620 (189)	716 (218)	1240 (378)
8 watts/ ft 16AWG (26 watts/ m)	112 (34)	194 (59)	224 (68)	259 (79)	448 (137)
8 watts/ ft 12AWG (26 watts/ m)	220 (67)	381 (116)	440 (134)	508 (155)	880 (268)
12 watts/ ft 12AWG (39 watts/ m)	180 (55)	312 (95)	360 (110)	416 (127)	720 (219)

Circuit Module Length in ft (m)

Cable Type	120VAC	208VAC	240VAC	277VAC	480VAC
4 watts/ft 16AWG (13 watts/ m)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	8.0 (2.4)
4 watts/ft 12AWG (13 watts/ m)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	8.0 (2.4)
8 watts/ ft 16AWG (26 watts/ m)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	6.0 (1.8)
8 watts/ ft 12AWG (26 watts/ m)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	6.0 (1.8)
12 watts/ ft 12AWG (39 watts/ m)	4.0 (1.2)	6.0 (1.8)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)

When ordering, please allow a minimum of 1 module length extra for terminations.

Accessories

Part Number	Description
AAT260 AAT2180	Aluminum Adhesive Tape: 2" x 180' (51mm x 55m). Temp Limit: 350°F (176°C) 2" x 180' (51mm x 55m). Temp Limit: 550°F (288°C)
BCLCAB	Electrical heat trace warning label. Required by code for every 10ft (3m) of pipe.
BPSCAB2-6	Stainless steel pipe straps used to secure pipe standoff to pipe. Adjustable from 2" to 6" (51 x 152mm)
HCP1 HCP3	Heat Conductive Putty. Used to fill voids between cable and pipe surface: 1 lb. (0.5kg) 3 lb. (1.4kg)
PSAT36A	Pressure Sensitive Fiberglass Adhesive Tape. Size: 0.5" x 108' (13mm x 38m). Temp Limit: 350°F (176°C)
RTV3.0	Silicone sealant used to seal lead pouches, end pouches, and pipe standoffs. 3 oz. (89ml)
JBACAB001 JBACAB002	Metalic Junction Box with cover and gasket: Single hub Double hub