

CONSTANT-WATTAGE HEATING CABLE

KM CONSTANT-WATTAGE HEATING CABLE

- ▶ **Temperatures up to 500 °F (260 °C)**
- ▶ **Power remains constant regardless of temperature**
- ▶ **Moisture, chemical, flame, and radiation resistant**
- ▶ **Can be cut-to-length at job site**
- ▶ **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: -22 °F to 500 °F (-30 °C to 260 °C)

Minimum Bend Radius: 1.0 in (25 mm)

Bus Wires: 12 AWG bus wire

Dimensions: 0.2 in x 0.3 in (5 mm x 8 mm)

Weight: per 500-foot (152 m) spool: 45 lb (20 kg)

 Ordinary Locations
Hazardous Locations:
APPROVED Class I, Division 2, Groups B, C, & D
Class II, Division 2, Groups F, & G
Class III, Division 2

RoHS
Compliant 

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

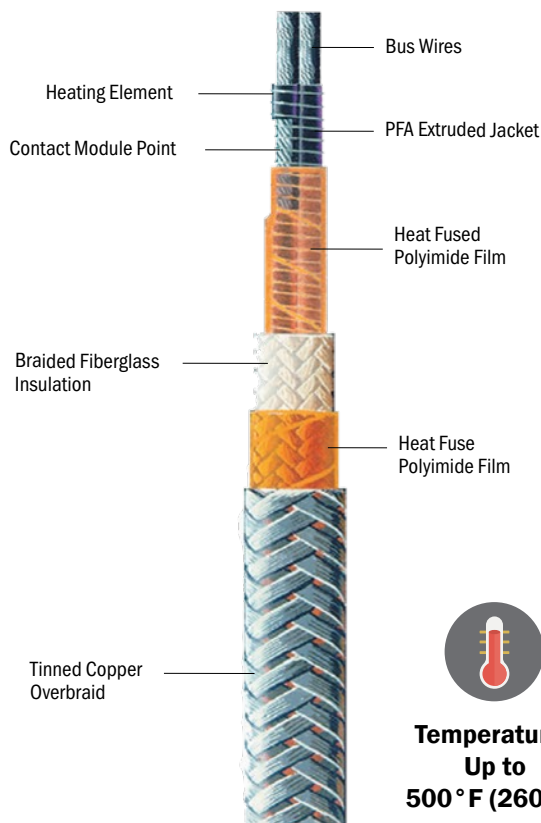
Ordering Information:

Part Number Matrix

	KMCAB	8	120	12
Watts/ft: _____ 4, 8, 12				
Voltage: _____ 120, 208, 240, 277, 480				
Bus Gauge: _____ 12 AWG				

See [page 27 & 28](#) for connection/termination kits and accessories.

IMPORTANT: Temperature controller is required for this product. See [pages 117 through 144](#) for options.



**Temperatures
Up to
500 °F (260 °C)**

Maximum Circuit Length in ft (m)

Cable Type	120 VAC	208 VAC	240 VAC	277 VAC	480 VAC
4 watts/ft (13 watts/m)	480 (146)	830 (253)	960 (293)	1110 (338)	1920 (585)
8 watts/ft (26 watts/m)	240 (73)	415 (127)	480 (146)	555 (169)	960 (293)
12 watts/ft (39 watts/m)	160 (49)	277 (85)	320 (98)	370 (113)	640 (195)

Circuit Module Length in ft (m)

Cable Type	120 VAC	208 VAC	240 VAC	277 VAC	480 VAC
4 watts/ft (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 (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 (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.