

## 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
- ▶ Wide range of applications
  - Freeze protection
  - Oil refineries
  - Viscosity control
  - Water treatment plants
  - High temperature process control
  - Food processing plants
  - Power plants
  - Other explosive atmospheres

### Specifications

**Exposure Temperature Range:** -22°F to 500°F (-30°C to 260°C)

**Minimum Bend Radius:** 1.0 in (25 mm)

**Bus Wires Gauge:** 12 AWG

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

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



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

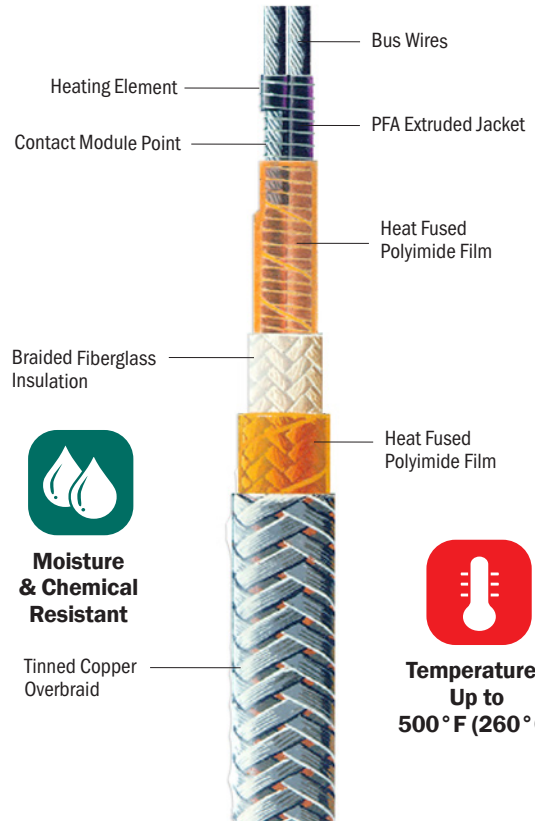
**KMCAB 8 120 12**

**Watts/ft:** \_\_\_\_\_  
 4, 8, 12

**Voltage:** \_\_\_\_\_  
 120, 208, 240, 277, 480

**Bus Gauge:** \_\_\_\_\_  
 12 AWG

See pages 50-51 for connection/termination kits and accessories.



**Moisture & Chemical Resistant**



**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.

**IMPORTANT: Temperature controller is required for this product. See options starting on page 145.**