

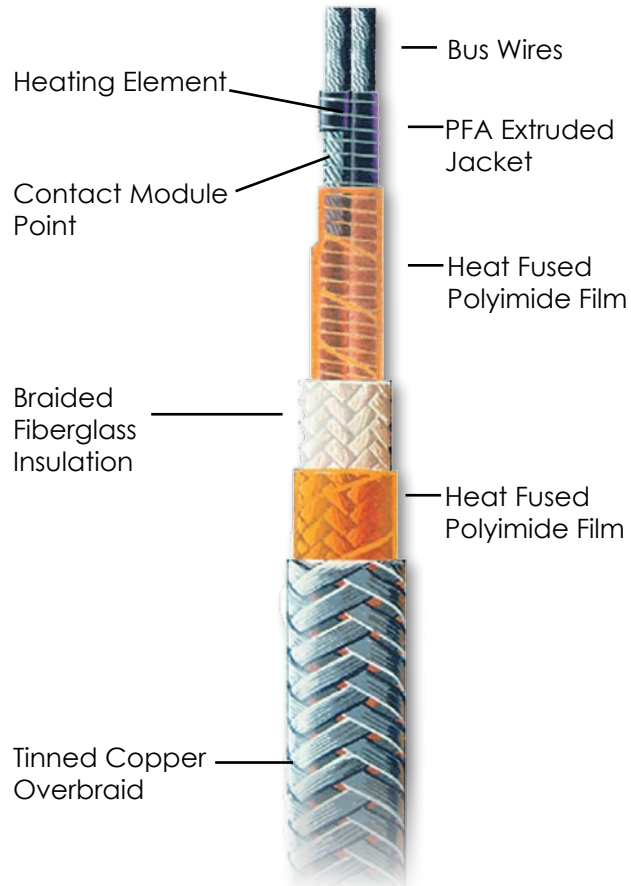
# KM Constant-Wattage Heating Cable

## Product Highlights

- ✓ Temperatures up to 500°F (260°C)
- ✓ Power remains constant regardless of temperature
- ✓ Can be cut-to-length at job site
- ✓ 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
- 12AWG bus wire
- Dimensions: 0.2" x 0.3" (5mm x 8mm)
- Weight per 500-foot (152m) spool: 45 lb (20kg)



CABLE / WIRE

## Approvals:

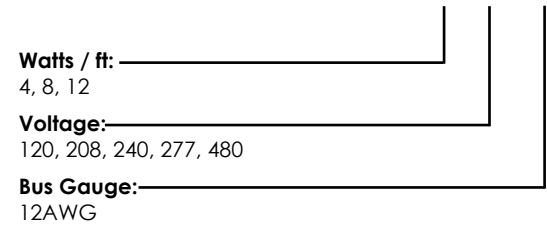
**FM APPROVED** Ordinary Locations  
 Hazardous Locations:  
 Class I, Division 2, Groups B, C, & D  
 Class II, Division 2, Groups F, & G  
 Class III, Division 2



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**



See pages 19 -20 for power connection / termination kits, monitor light kits, and accessories.

**Maximum Circuit Length in ft (m)**

Cable Type	120VAC	208VAC	240VAC	277VAC	480VAC
4 watts/ft (13 watts/ m)	310 (94)	537 (164)	620 (189)	716 (218)	1240 (378)
8 watts/ ft (26 watts/ m)	220 (67)	381 (116)	440 (134)	508 (155)	880 (268)
12 watts/ ft (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 (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 pages 82 through 100 for options.**