

# 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 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)

## Approvals:

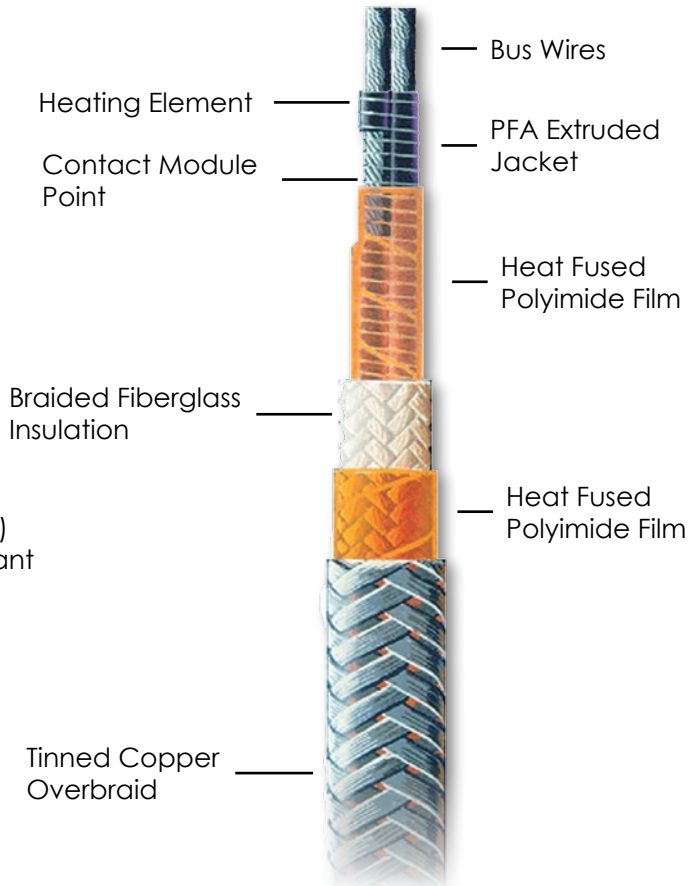
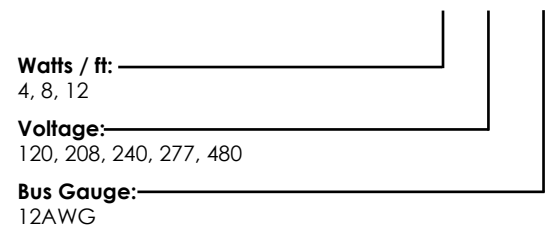
**FM** Ordinary Locations  
**APPROVED** Hazardous Locations:  
 Class I, Division 2, Groups B, C, & D  
 Class II, Division 2, Groups F, & G  
 Class III, Division 2



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**



CABLE / WIRE

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

Cable Type	120VAC	208VAC	240VAC	277VAC	480VAC
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	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.

See [page 21](#) & [22](#) for connection/termination kits and accessories.

**IMPORTANT: Temperature controller is required for this product. See [pages 86 through 104](#) for options.**