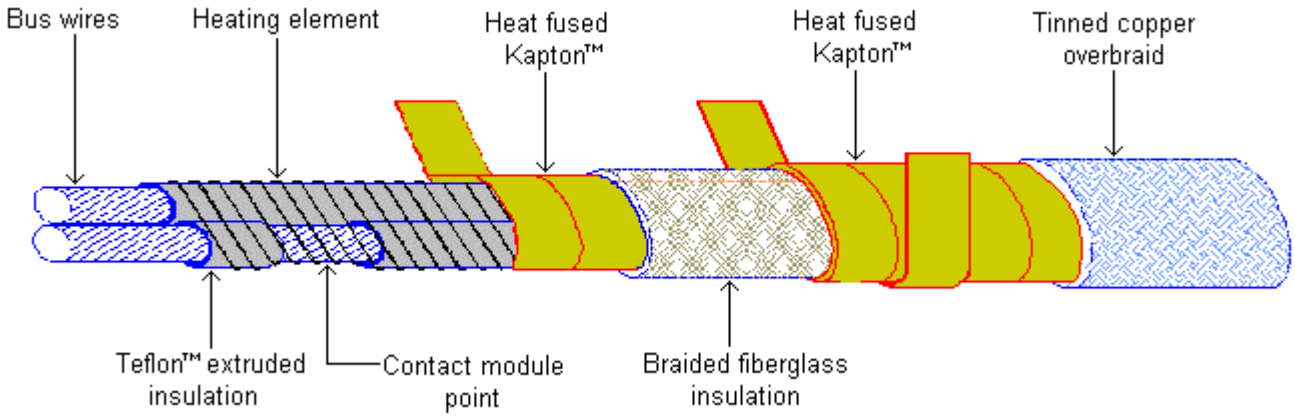
KM-CAB Constant Wattage Heat Cable



KM Cable is designed for freeze protection, viscosity and high temperature process control. KM-CAB is used in power plants, oil refineries, water treatment plants, food processing plants, and other locations where explosive atmospheres can occur.

Approvals:

- IEEE Std 515
- Factory Mutual
  Ordinary Locations
  Hazardous Locations:
  Class I, Division 2, Groups B, C, & D.
  Class II, Division 2, Group G.
  Class III, Division 2.

Specifications:

- Maximum energized temperature is 500°F (260°C).
- Maximum de-energized temperature is 550°F (2875°C).
- Moisture and Chemical resistant.
- Flame resistant.
- Radiation resistant.
- 12 or 16AWG bus wires.
- Dimensions:
  16AWG bus wires:
  0.170" x 0.485" (0.432 x 1.232 cm).
  12AWG bus wires:
  0.160" x 0.265" (0.406 x 0.637 cm).
- Weight per 500-foot (152.4 M) spool:
  16AWG cable: 37 lb. (16.8 Kg.).
  12AWG cable: 45 lb. (20.4 Kg.).

KM Cable Part Number Selection Guide

KMCAB 4 120 12

Kapton™/ Fiberglass Cable
Watts/ ft (M):
4, 8, 12 (13.1, 26.2, 39.3)
Voltage:
120, 208, 240, 277, 480
Bus Gauge:
16, 12AWG

Please consult your local distributor for price, delivery and minimum quantity

Maximum circuit length, linear feet (M) of KM cable

Cable Type	120VAC	208VAC	240VAC	277VAC	480VAC
4 watts/ ft 16AWG (13.1 watts/ M)	190 (57.9)	329 (100.3)	380 (115.8)	439 (133.8)	760 (231.7)
8 watts/ ft 16AWG (26.2 watts/ M)	112 (34.1)	194 (59.1)	224 (68.3)	259 (78.9)	448 (136.6)
4 watts/ ft 12AWG (13.1 watts/ M)	310 (94.5)	537 (163.7)	620 (189.0)	716 (218.2)	1240 (378.0)
8 watts/ ft 12AWG (26.2 watts/ M)	220 (67.1)	381 (116.1)	440 (134.1)	508 (154.8)	880 (268.2)
12 watts/ ft 12AWG (39.3 watts/ M)	180 (54.9)	312 (95.1)	360 (109.7)	416 (126.8)	720 (219.5)

KM Cable circuit module length, feet (cm)

Cable Type	120VAC	208VAC	240VAC	277VAC	480VAC
4 watts/ ft 16AWG (13.1 watts/ M)	4 (122.0)	4 (122.0)	4 (122.0)	4 (122.0)	8 (243.8)
8 watts/ ft 16AWG (26.2 watts/ M)	4 (122.0)	4 (122.0)	4 (122.0)	4 (122.0)	6 (182.9)
4 watts/ ft 12AWG (13.1 watts/ M)	4 (122.0)	4 (122.0)	4 (122.0)	4 (122.0)	8 (243.8)
8 watts/ ft 12AWG (26.2 watts/ M)	4 (122.0)	4 (122.0)	4 (122.0)	4 (122.0)	6 (182.9)
12 watts/ ft 12AWG (39.3 watts/ M)	4 (122.0)	6 (182.9)	4 (122.0)	4 (122.0)	6 (182.9)
When ordering, please allow a minimum of 1 module length extra for terminations.					

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