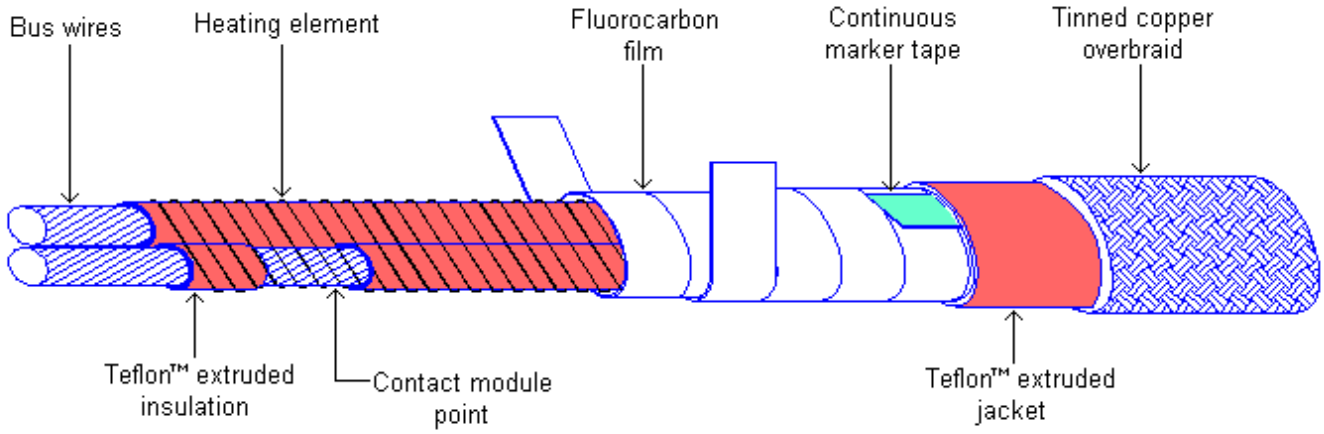
# FE-CAB Constant Wattage Heat Cable




FE-CAB cable is designed for freeze protection, temperature maintenance, and mid-range process temperature control for food and chemical processing, on water lines, fire protection systems, fuel oil, condensate return, hot water lines, and in lines periodically purged with 250 psig steam.

**Approvals:**

- Factory Mutual
  - Ordinary Locations
  - Hazardous Locations:
  - Class I, Division 2, Groups B, C, & D.
  - Class II, Division 2, Groups E, F, & G.
  - Class III, Division 2.
- CSA: (120 and 240 only)
  - Ordinary Locations
  - Hazardous Locations:
  - Class I, Division 2, Groups B, C, & D.
  - Class II, Division 2, Groups F, & G.
  - Class III, Division 2.

**Specifications:**

- Maximum energized temperature is 400°F (204°C).
- Maximum de-energized temperature is 450°F (232°C).
- Moisture and Chemical resistant.
- Flame resistant.
- Radiation resistant.
- 12AWG bus wires.
- Dimensions 0.200” x 0.300” (0.508 x 0.762 cm).
- 39.7 lb. (18.0 Kg.) per 500-foot (152.4 M) spool.

## FE Cable Part Number Selection Guide

FECAB 3 120 B

**TEFLON® FEP Cable**
**Watts/ ft (M):**
3, 5, 8, 12 (9.8, 16.4, 26.2, 39.3)
**Voltage:**
120, 208, 240, 277, 480
**Tinned Copper Metal Braid**
*Also available with stainless steel overbraid.*
*Please consult your local distributor for price, delivery and minimum quantity.*

**Maximum circuit length, linear feet (M)of FE cable**

| Cable | 120VAC | 208VAC | 240VAC | 277VAC | 480VAC |
|---|---|---|---|---|---|
| 3 watts/ ft (9.8 watts/ M) | 360 (109.7) | 625 (190.5) | 720 (219.5) | 830 (253.0) | 1440 (438.9) |
| 5 watts/ ft (16.4 watts/ M) | 275 (83.8) | 477 (145.4) | 550 (167.6) | 635 (193.5) | 1100 (335.3) |
| 8 watts/ ft (26.2 watts/ M) | 220 (67.0) | 381 (116.1) | 440 (134.1) | 508 (154.8) | 880 (268.2) |
| 12 watts/ ft (39.3 watts/ M) | 180 (54.9) | 312 (95.1) | 360 (109.7) | 416 (126.8) | 720 (219.5) |

**FE Cable circuit module length, feet (cm)**

| Cable Type | 120VAC | 208VAC | 240VAC | 277VAC | 480VAC |
|---|---|---|---|---|---|
| 3 watts/ ft (9.8 watts/ M) | 2 (61.0) | 4 (122.0) | 4 (122.0) | 5 (152.4) | 8 (243.8) |
| 5 watts/ ft (16.4 watts/ M) | 2 (61.0) | 4 (91.4) | 3 (91.4) | 4 (122.0) | 6 (182.9) |
| 8 watts/ ft (26.2 watts/ M) | 2 (61.0) | 4 (122.0) | 4 (122.0) | 4 (122.0) | 6 (182.9) |
| 12 watts/ ft (39.3 watts/ M) | 2 (61.0) | 4 (61.0) | 2 (61.0) | 4 (122.0) | 4 (182.9) |
| *When ordering, please allow a minimum of 1 module length extra for terminations.* | | | | | |

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