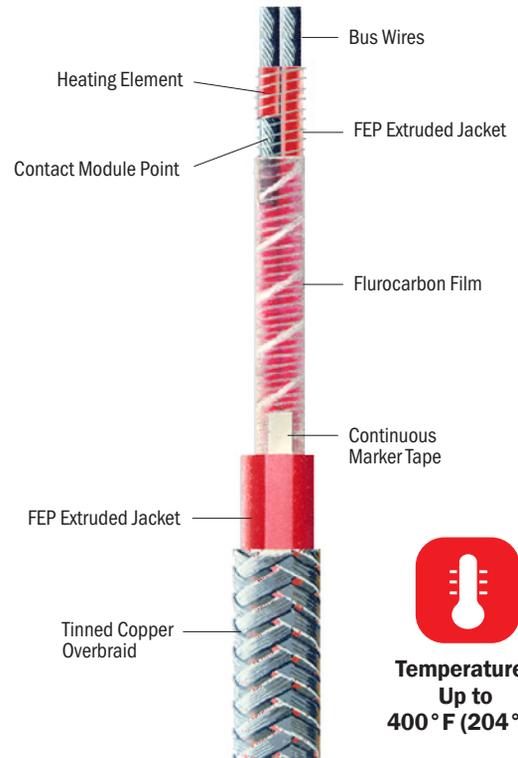


## FE GENERAL-PURPOSE CONSTANT-WATTAGE HEATING CABLE

- ▶ Temperatures up to 400° F (204° C)
- ▶ Power remains constant regardless of temperature
- ▶ Can be cut-to-length at job site
- ▶ Wide range of general-purpose applications
  - Mid-range process temperature control for food and chemical processing
  - Condensate return
  - Water lines
  - Hot water lines
  - Fire protection systems
  - Lines periodically purged with 250 psig steam
  - Fuel oil
  - Not suitable for installation in wet locations and outdoor use



**Temperatures  
Up to  
400° F (204° C)**

### Specifications

**Exposure Temperature Range:** -22°F to 400°F (-30°C to 204°C)

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

**Bus Wire Gauge:** 12 AWG

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

**Weight:** 40 lb (18 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



Tinned copper braid only  
Ordinary locations  
120, 240 VAC only



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

**FECAB 3 120 B**

**Watts/ft:** \_\_\_\_\_  
3, 5, 8, 12

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

**Braid Type:** \_\_\_\_\_  
B- (tinned copper metal braid), SS- (stainless steel overbraid)

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

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

Cable	120 VAC	208 VAC	240 VAC	277 VAC	480 VAC
3 watts/ft (10 watts/m)	640 (195)	1110 (338)	1280 (390)	N/A	2560 (780)
5 watts/ft (16 watts/m)	385 (117)	665 (203)	770 (234)	N/A	1535 (468)
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
3 watts/ft (10 watts/m)	2.0 (0.6)	4.0 (1.2)	4.0 (1.2)	N/A	8.0 (2.4)
5 watts/ft (16 watts/m)	2.0 (0.6)	4.0 (1.2)	3.0 (0.9)	N/A	6.0 (1.8)
8 watts/ft (26 watts/m)	2.0 (0.6)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	6.0 (1.8)
12 watts/ft (39 watts/m)	2.0 (0.6)	6.0 (1.8)	2.0 (0.6)	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.**