

# FE General Purpose Constant-Wattage Heating Cable

## Product Highlights

- ✓ Temperatures up to 400°F (204°C)
- ✓ Power remains constant regardless of temperature
- ✓ Can be cut-to-length at job site
- ✓ Ideal for wide range of general purpose applications:
  - Mid-range process temperature control for food and chemical processing
  - Water lines
  - Fire protection systems
  - Fuel oil
  - Condensate return
  - Hot water lines
  - Lines periodically purged with 250 psig steam

## Specifications:

- Maximum exposure temperature is 400°F (204°C)
- Moisture, chemical, flame, and radiation resistant
- 12AWG bus wires
- Dimensions 0.2" x 0.3" (5mm x 8mm)
- 40lb (18kg) per 500-foot (152m) spool

## Approvals:



APPROVED

Ordinary Locations

Hazardous Locations:

Class I, Division 2, Groups B, C, & D

Class II, Division 2, Groups F, & G

Class III, Division 2



Ordinary locations

(120, 240VAC 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:

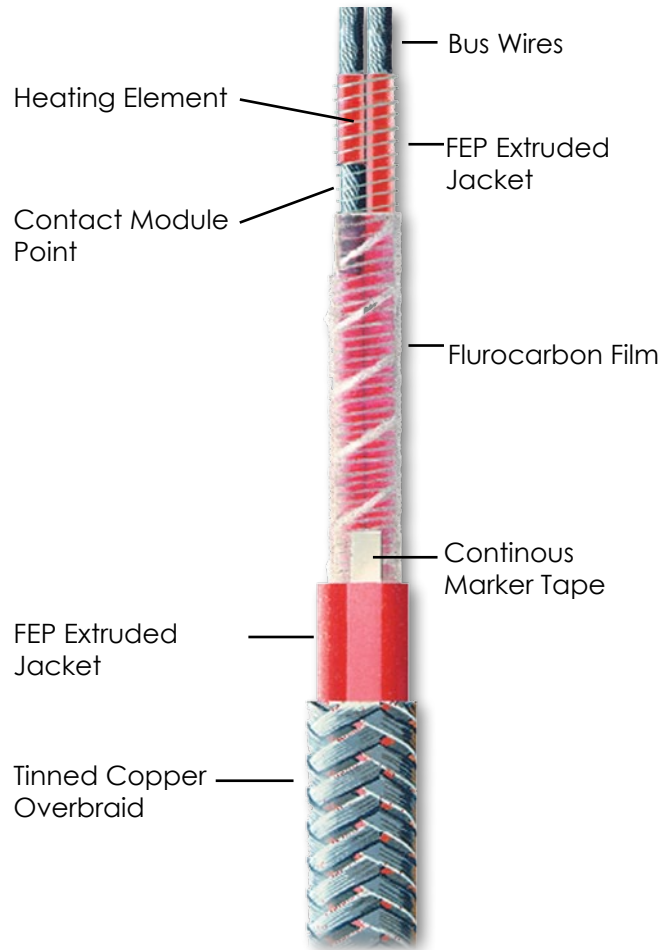
### Part Number Matrix

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)



Maximum Circuit Length in ft (m)

| Cable                         | 120VAC       | 208VAC       | 240VAC       | 277VAC       | 480VAC        |
|-------------------------------|--------------|--------------|--------------|--------------|---------------|
| 3 watts/ ft<br>(10 watts/ m)  | 360<br>(110) | 625<br>(191) | 720<br>(220) | N/A          | 1440<br>(439) |
| 5 watts/ ft<br>(16 watts/ m)  | 275<br>(84)  | 477<br>(145) | 550<br>(168) | N/A          | 1100<br>(335) |
| 8 watts/ ft<br>(26 watts/ m)  | 220<br>(67)  | 381<br>(116) | 440<br>(134) | 508<br>(155) | 880<br>(268)  |
| 12 watts/ ft<br>(39 watts/ m) | 180<br>(55)  | 312<br>(95)  | 360<br>(110) | 416<br>(127) | 720<br>(220)  |

Circuit Module Length in ft (m)

| Cable Type                    | 120VAC       | 208VAC       | 240VAC       | 277VAC       | 480VAC       |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|
| 3 watts/ ft<br>(10 watts/ m)  | 2.0<br>(0.6) | 4.0<br>(1.2) | 4.0<br>(1.2) | N/A          | 8.0<br>(2.4) |
| 5 watts/ ft<br>(16 watts/ m)  | 2.0<br>(0.6) | 4.0<br>(1.2) | 3.0<br>(0.9) | N/A          | 6.0<br>(1.8) |
| 8 watts/ ft<br>(26 watts/ m)  | 2.0<br>(0.6) | 4.0<br>(1.2) | 4.0<br>(1.2) | 4.0<br>(1.2) | 6.0<br>(1.8) |
| 12 watts/ ft<br>(39 watts/ m) | 2.0<br>(0.6) | 6.0<br>(1.8) | 2.0<br>(0.6) | 4.0<br>(1.2) | 4.0<br>(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.**