

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
 - Not suitable for installation in wet locations and outdoor use.

Specifications:

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

Approvals:

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

SP Tinned copper braid only
 Ordinary Locations
 120, 240VAC only

RoHS Compliant REACH

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:

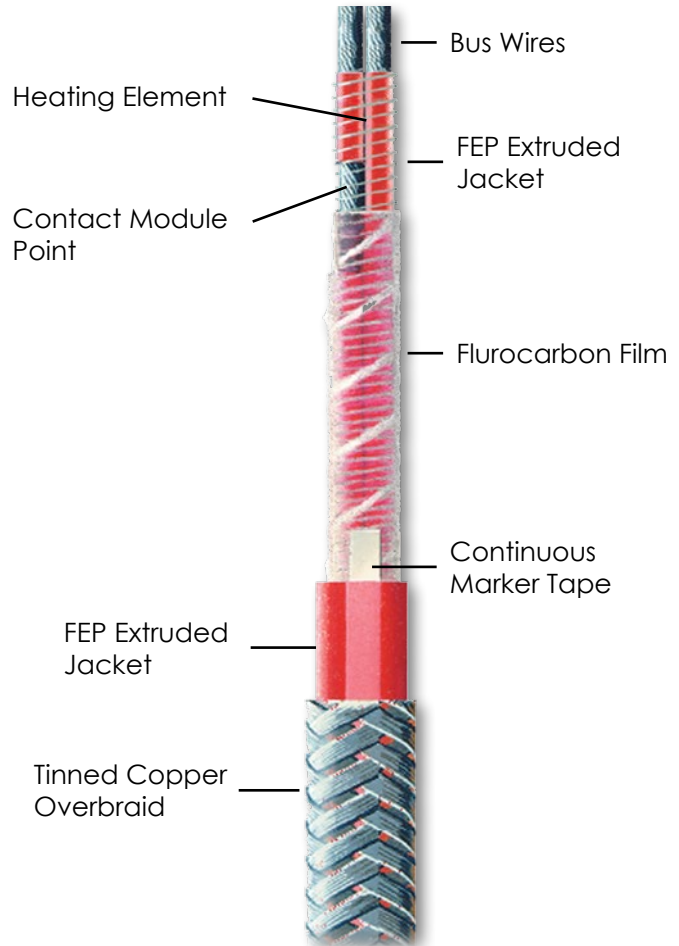
Part Number Matrix

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)



CABLE / WIRE

Maximum Circuit Length in ft (m)

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