

MEDIUM TEMPERATURE CONSTANT WATTAGE HEATING CABLE

FE Series

\$5

All Models



- ✓ Continuous Exposure Rating up to 204°C (400°F)
- ✓ Low Watt Density
- ✓ Parallel Resistance Heater
- ✓ Cut-to-Length at the Job Site
- ✓ Constant Watt Density
- ✓ Moisture and Chemical Resistance
- ✓ Low Cost
- ✓ Metal Overbraid

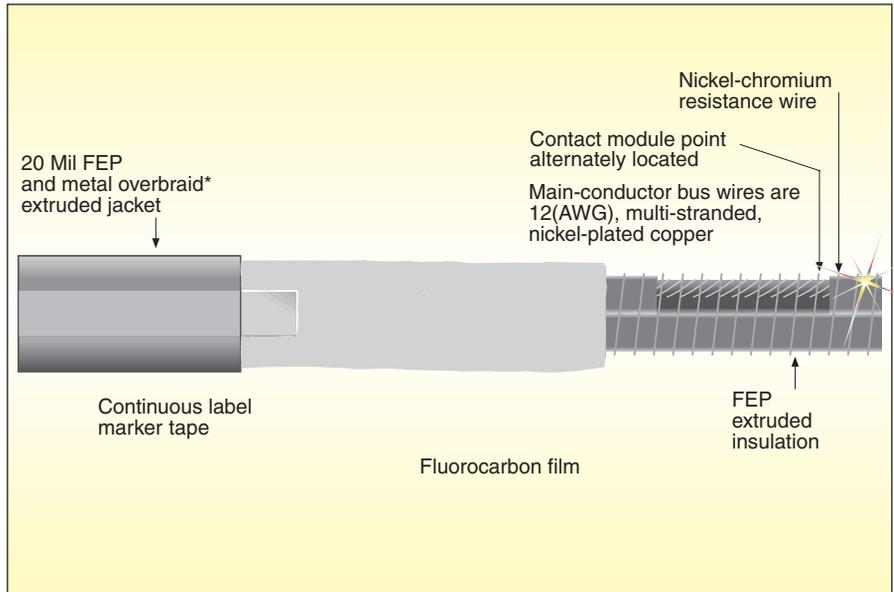
APPLICATIONS

OMEGALUX® FE cable is a low-watt density electrical resistance heater. It is designed for freeze protection and midrange process temperature control and maintenance applications in lines periodically purged with 150 psig steam.

The FE cable heating element is tension wrapped and covered with a fluorocarbon film and enclosed in a minimum 20 mil FEP abrasion resistant extruded jacket.

This tough outer cover provides moisture and dielectric protection as well as resistance to abrasion.

A tinned copper overbraid provides additional protection and electrical ground return path.



SPECIFICATIONS

Wattage: 3, 5, 8, and 12 Watts/ft.
Outside Dimension: Nominal 7.62 x 5.08 mm (0.30 x 0.20")
Max Short Term Exposure Temperature: (De-energized) 232°C (450°F)
Dielectric Strength: In excess of 2500 volts

APPROVALS

Factory Mutual Class I, Division II, Groups B, C, D; Class II, Division II, Groups E, F, G; and Class III

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model No.)

Watts/ft.	Volts	Module* Length (ft)	Max** Length (ft)	Model No.	Price/ft***
3	120	2	360	FE3-120B	\$5
3	240	4	720	FE3-240B	5
5	120	2	275	FE5-120B	5
5	240	3	550	FE5-240B	5
8	120	2	220	FE8-120B	5
8	208	4	381	FE8-208B	5
8	240	4	440	FE8-240B	5
8	277	4	508	FE8-277B	5
8	480	6	880	FE8-480B	5
12	120	2	180	FE12-120B	5
12	208	4	312	FE12-208B	5
12	240	2	360	FE12-240B	5
12	277	4	416	FE12-277B	5

* Cable circuit module length in feet. When ordering please allow a minimum of 1 module length extra for terminations.

** Maximum circuit lengths include end-to-end voltage variation of 10%. Longer runs may be used. Lengths are based on cable operating temperatures of 148°C (300°F).

*** Price per foot. When ordering, specify desired length in feet [7.6 m (25') minimum].

To complete your system the following accessories are recommended: (1) Termination kits for FE cable, (2) Control options—see pages 173 to 183 for complete selection of controllers thermostats.

Ordering Example: FE8-120B, 100 medium-temperature, constant-wattage heating cables, 8 W/pt., 120 Vac, \$500.00.

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