

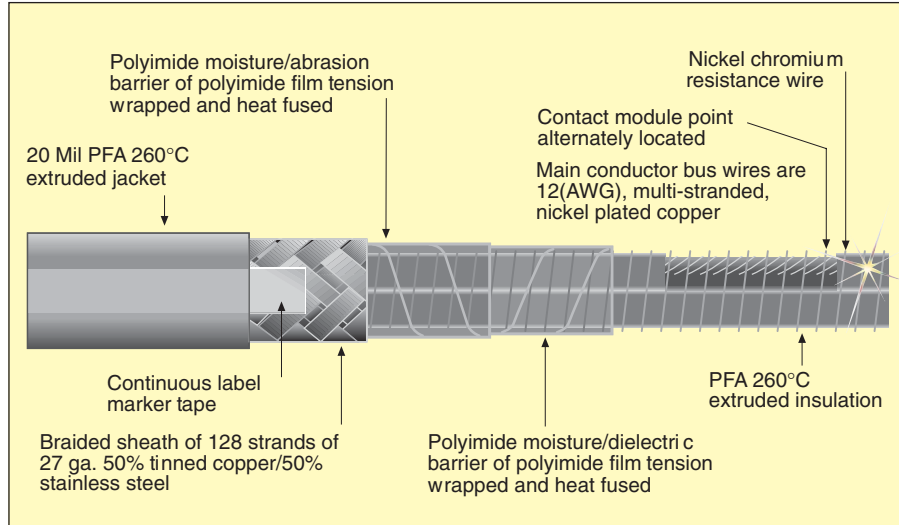
HIGH TEMPERATURE CONSTANT WATTAGE HEATING CABLE

KE Series
\$6
 All Models

- ✓ Continuous Exposure Rating up to 260°C (500°F)
- ✓ Low Watt Density
- ✓ Parallel Resistance Heater
- ✓ Cut-to-Length at the Job Site
- ✓ Constant Watt Density
- ✓ All Common Voltages Available
- ✓ Moisture and Chemical Resistance
- ✓ Continuous Electrical Ground

The KE cable heating element is tension wrapped and covered with two layers of nonflammable polyimide film applied in reverse directions, then heat fused for moisture protection. A stainless steel and tinned copper sheath is then added for additional protection and electrical ground return path. The sheath is enclosed in a minimum 20 mil PFA abrasion and chemical resistant extruded jacket.

OMEGALUX® KE cable is a low Watt density electrical resistance heater. It is designed for freeze protection, viscosity and high temperature process control in Class 1, Groups B, C, and D, Division 2 Classified Areas as well as in corrosive environments. KE is used in asphalt plants, oil refineries, mines, chemical and petrochemical processing areas, other locations where corrosive atmospheres can occur. KE is equally suitable for applications in severe arctic cold.



APPLICATIONS

- ✓ Designed for Freeze Protection and Process Temperature Maintenance

Cable may be overlapped if maximum Process Temperature is less than 154°C (310°F).

CAUTION AND WARNING!

Fire and electrical shock may result if products are used improperly or installed or used by non-qualified personnel. See inside back cover for additional warnings.

SPECIFICATIONS

Wattage: 4, 8 and 12 W/ft

Circuit Module Length: 1.2 m (4') for all except KE4-480 which is 2.4 m (8') and KE8-480 which is 1.8 m (6')

Max Short Term

Exposure Temperature: 287°C (550°F) (de-energized)

Outside Dimension: Nom. 8.38 x 5.72 mm (0.330 x 0.225")

Dielectric Strength: In excess of 2500V

Max Circuit Length** - KE Series

Power	120V	208V	240V	277V	480V
4 Watts/ft	349"	606"	699"	806"	1398"
8 Watts/ft	247"	428"	494"	570"	988"
12 Watts/ft	202"	350"	403"	466"	807"

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

4 Watts/ft			8 Watts/ft			12 Watts/ft		
Volts	Model No.	Price*	Volts	Model No.	Price*	Volts	Model No.	Price
120	KE4-120	\$6	120	KE8-120	\$6	120	KE12-120	\$6
208	KE4-208	6	208	KE8-208	6	208	KE12-208	6
240	KE4-240	6	240	KE8-240	6	240	KE12-240	6
277	KE4-277	6	277	KE8-277	6	277	KE12-277	6
480	KE4-480	6	480	KE8-480	6	480	KE12-480	6

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

** Maximum circuit lengths include end-to-end voltage variation of 10%. Longer runs may be used. Lengths are based on cable operating temperatures of 300°F. To complete your system the following accessories are recommended: (1) Termination kits for KE cable (2) control options - see pages 173 to 183 for a complete selection of controllers and thermostats.

Ordering Example: KE8-120, quantity of 100, high temperature, constant wattage heating cable, 8 W/foot, 120 Vac, \$600.

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• Flow and Level

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters