

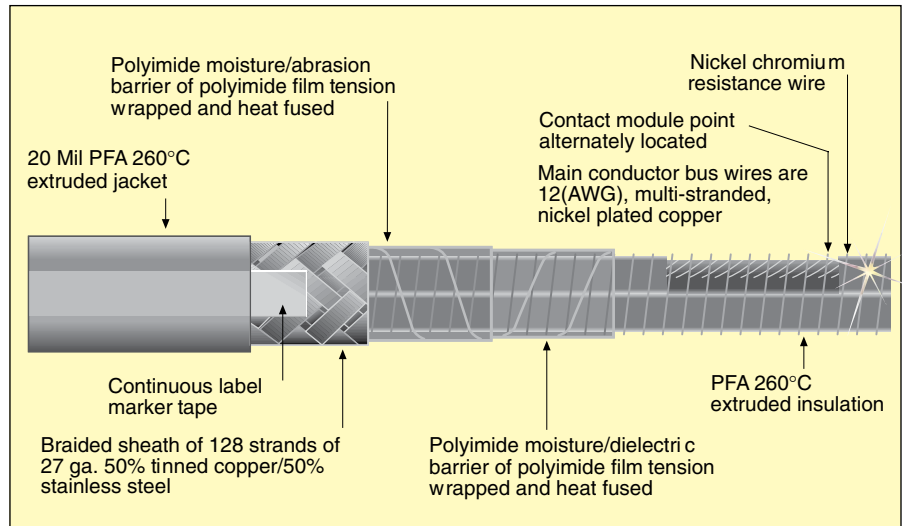
## HIGH TEMPERATURE CONSTANT WATTAGE HEATING CABLE

### KE Series

- 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')

**Maximum 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

#### Maximum 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"

#### To Order

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

\* 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, visit us online 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.