

Scope

Firewall® Low Smoke Zero Halogen Traction Power Cable is designed for use as feeder cables on traction power distribution systems. This single conductor cable is suitable for use in conduit, underground ducts or aerial applications exposed along railroad tracks, or direct burial in earth.

Features

- Low Smoke Zero Halogen thermoset construction
- Excellent electrical characteristics
- Flame retardant
- Heat, moisture, oil, chemical and abrasion resistant
- 40 year life
- Extremely rugged
- Superior mechanical properties
- Flexible
- Easy to install

Performance Standards

- Conductor in accordance with ASTM B-8 and B-33
- Insulation in accordance with ICEA S-95-658 (formerly S-66-524)
- Cable passes IEEE-383 1974 vertical tray flame test (70,000 BTU/hr) and ICEA T-30-520 vertical tray flame test
- UL listed Type RHH or RHW-2
- UL listed for "CT Use"
- In accordance with UL Standard No. 44
- UL Listed as Limited Smoke (-LS)
- UL Listed as gasoline and oil resistant
- UL Listed as sunlight resistant

Construction

Conductor:

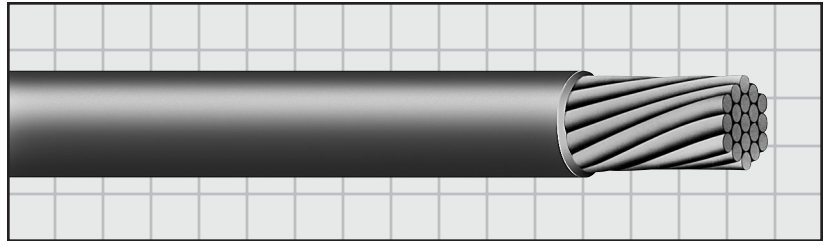
Tin coated copper, Class "C" strand

Insulation:

Proprietary heat, moisture and chemical resistant, flame retardant Low Smoke Zero Halogen XLPO**

** A separator tape may be used over the conductor

Firewall® LSZH
Traction Power Cable
 Low Smoke Zero Halogen
 90°C*, 2000 Volt
 NEC Type RHH or RHW-2
 UL Listed
 Spec. RSS-6-009B



2000 Volt

Product Code	Size (AWG/kcmil)	Number of Strands	Insulation Thickness (Inch)	Overall Diameter (Inch)	Nominal Approximate Net Weight (Lbs/M')
P46-2400	4/0	37	.080	0.69	770
P46-2250	250	61	.095	0.78	920
P46-2350	350	61	.095	0.87	1250
P46-2500	500	61	.095	1.00	1740
P46-2750	750	91	.110	1.23	2600

* Rated 90°C for normal operation in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.