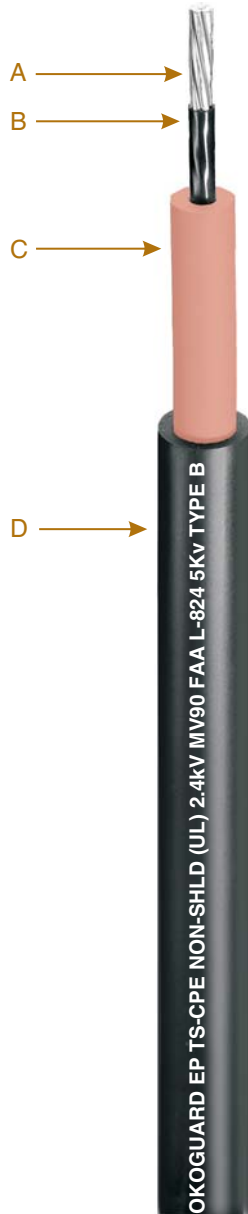




Okoguard®-Okolon® TS-CPE 5kV Airport Lighting Cable*

FAA-L-824 Type B

One Okopact (Compact Stranded) Copper Conductor/90°C Rating Wet or Dry



- A Uncoated, Okopact (Compact Stranded) Copper Conductor
- B Strand Screen-Extruded Semiconducting EPR
- C Insulation-Okoguard EPR
- D Jacket-Okolon TS-CPE

Insulation

Okoguard is Okonite's registered trade name for its exclusive medium voltage grade ethylene-propylene rubber (EPR) based, thermosetting compound, whose optimum balance of electrical and physical properties is unequaled in other solid dielectrics.

Okoguard insulation, with the distinctive red color and a totally integrated EPR system, provides the optimum balance for long, problem free service.

Jacket

The Okolon TS-CPE jacket on this cable is a vulcanized chlorinated polyethylene based compound which is mechanically rugged, flame, and oil resistant.

Applications

Okoguard-Okolon TS-CPE cables are heavy duty nonshielded cables designed for use at up to 5kV in wet or dry airport lighting applications.

Okoguard-Okolon TS-CPE nonshielded airport lighting cables are recommended for use in series lighting circuits for runways and control systems. Cables can be installed in metallic or non-metallic conduit, directly buried or aerial application.

Specifications

Meets or exceeds the requirements of FAA Advisory Circular AC 150/5345-7F.

Conductor: Annealed uncoated copper compact Class B stranded per ASTM B-496.

Strand Screen: Extruded semiconducting EPR strand screen. Meets or exceeds electrical and physical requirements of ICEA S-96-659/NEMA WC71.

Insulation: Meets or exceeds electrical and physical requirements of ICEA S-96-659/NEMA WC71. Insulation thickness per Table 4-3 for wet or dry applications.

Jacket: Meets or exceeds electrical and physical requirements of ICEA S-96-659/NEMA WC71 for chlorinated polyethylene jackets.

Product Features

- Resistant to runway and wing de-icers
- 90°C Continuous Rating, 130°C Emergency Overload Rating, 250°C Short Circuit Rating
- Exceptional resistance to surface tracking
- Superior Flexibility
- Constructed for "wet" location applications
- Excellent corona resistance
- Stress cones not required
- Resistant to most oils, acids, and alkalies

*Applications governed by the National Electrical Code limit non-shielded cable to 2.4kV

Catalog Number	Conductor** Size		Insulation Thickness		Jacket Thickness		Approx. O.D.		Approx. Net Wt. Lbs./1000'	Approx. Ship Wt. Lbs./1000'
	AWG	mm ²	mils	mm	mils	mm	inches	mm		
▲ 114-24-2213	8	8.4	125	3.18	80	2.03	0.60	15.1	215	250
▲ 114-24-2217	6	13.3	125	3.18	80	2.03	0.63	16.0	260	295
▲ 114-24-2219	4	21.2	125	3.18	80	2.03	0.67	17.1	328	368

▲ **Authorized stock item.** Available from our Customer Service Centers.

**Class C stranded conductors are available.

