

APPLICATIONS

These are single conductor 5000 volt nonshielded power cables suitable for L-824 underground installation for lighting at airports per FAA L-824 Type C and AC 150/5345-53 Appendix 3. They are rated for use at 90°C wet or dry conditions. FAA-L-824 cables are suitable for use in conduit, duct, aerial and direct burial installations.

FEATURES

1. CONDUCTORS

Soft drawn stranded bare copper per ASTM B3 and ASTM B8.

2. INSULATION

Crosslinked polyethylene (XLPE) 110 mil thick in accordance with NEC 310-6a and ICEA S-96-659. An optional separator tape under the insulation eases stripping.

3. SURFACE MARKING

The jacket surface shall be printed or indented with: DRAKA CABLETEQ USA-PA TAMAQUA CABLE (AWG SIZE) 5 KV XLP NONSHIELD NONJACKET FAA L-824 TYPE C ETL VERIFIED.

STANDARDS AND APPROVALS

FAA Advisory Circular 150/5345-7E

Airport Lighting Equipment Certification Program per AC150/5345-53 appendix 3 Underground Electrical Cable for Airport Lighting Circuits per spec L-824 ICEA S-96-659 (NEMA WC71)





FAA-L-824 TYPE C CABLE

single conductor for airport lighting and control
8, 6 & 4 AWG / XLPE insulation / 5KV

Part Number	Conductor Size	Stranding	Insulation Thickness in (mm)	Approximate Cable O.D. In (mm)	Cable Weight Lbs/Mft (Kg/Km)
389171	8 AWG	7 x .0486	.110 (2.8)	0.375 (9.53)	92 (137)
389172	6 AWG	7 x .0612	.110 (2.8)	0.410 (10.4)	129 (192)
388099	4 AWG	7 x .0772	.110 (2.8)	0.460 (11.7)	185 (276)

Optional features include jacketed constructions: 1) Ethylene propylene rubber (EPR) insulation with a PVC jacket, and 2) Ethylene propylene rubber (EPR) insulation with a CPE jacket.

Information is subject to change without notice. Consult factory for a variety of alternate constructions for specific applications.