



Flight Light Inc.
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Airport Lighting & Control Cable
FAA L-824 Type C
Single Conductor
8, 6 & 4 AWG / XLPE Insulation / 5KV

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Compliance and Applications

FAA L-824 Type C (AC 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)

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.



Ordering Codes

Part #	Conductor Size	Stranding	Insulation Thickness in (mm)	Approximate Cable O.D. in (mm)	Cable Weight Lbs/Mft (Kg/Km)
42-L824C#8	8 AWG	7 x .0486	.110 (2.8)	0.375 (9.53)	92 (137)
42-L824C#6	6 AWG	7 x .0612	.110 (2.8)	0.410 (10.4)	129 (192)
42-L824C#4	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.

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