



Flight Light Inc.  
 2708 47th Ave.  
 Sacramento, California, U.S.A.  
 95822-3806

+1.800.806.3548  
 +1.916.394.2800

www.flightlight.com  
 sales@flightlight.com

Prysmian/Draka  
 Airport Lighting & Control Cable  
 FAA L-824 Type C  
 Single Conductor  
 8, 6 & 4 AWG / XLPE Insulation / 5KV

## Compliance and Applications

### FAA L-824 Type C (AC 150/5345-7F)

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)
TRC-L824C#8	8 AWG	7 x .0486	.110 (2.8)	0.375 (9.53)	92 (137)
TRC-L824C#6	6 AWG	7 x .0612	.110 (2.8)	0.410 (10.4)	129 (192)
TRC-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.

Visit our web site: [www.flightlight.com](http://www.flightlight.com)