



# Draka

## Colorable FAA-L-824 Type C Cable

Single conductor for airport lighting / 8, 6 & 4 AWG / XLPE insulation / 5KV



### Application

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. FAA L-824 cables are suitable for use at 90°C wet or dry in conduit, duct, aerial and direct burial installations.

This cable is available in solid colors for permanent circuit identification: blue, grey, orange, green, red, white, yellow, black and terra cotta.

### Standards and approvals

FAA Advisory Circular 150/5345-7E Airport Lighting Equipment Certification Program AC150/5345-53 appendix 3 in accordance with Underground Electrical Cable for Airport Lighting Circuits per spec L-824 and ICEA S-96-659 (NEMA WC71).

Draka's airport lighting cables have been certified as 100% Buy American by the FAA.

### Features

#### 1. CONDUCTOR

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

#### 2. INSULATION

Crosslinked polyethylene (XLPE) 110 mil thick in accordance with ICEA S-96-659. An optional separator tape under the insulation eases stripping. Available in nine colors (see chart on page 2).

### Available colors

Blue  
Grey  
Orange  
Green  
Red  
White  
Yellow  
Black  
Terra cotta



# Colorable FAA-L-824 Type C Cable

Single conductor for airport lighting / 8, 6 & 4 AWG / XLPE insulation / 5KV

| Part Number | Insulation Color | Conductor Size | Stranding | Insulation Thickness in (mm) | Cable O.D. In (mm) | Cable Weight Lbs/Mft (Kg/Km) |
|-------------|------------------|----------------|-----------|------------------------------|--------------------|------------------------------|
| 389171      | Black            | 8 AWG          | 7 x .0486 | .110 (2.8)                   | 0.375 (9.53)       | 92 (137)                     |
| 393000      | Blue             | 8 AWG          | 7 x .0486 | .110 (2.8)                   | 0.375 (9.53)       | 92 (137)                     |
| 393001      | Green            | 8 AWG          | 7 x .0486 | .110 (2.8)                   | 0.375 (9.53)       | 92 (137)                     |
| 393002      | Grey             | 8 AWG          | 7 x .0486 | .110 (2.8)                   | 0.375 (9.53)       | 92 (137)                     |
| 393003      | Orange           | 8 AWG          | 7 x .0486 | .110 (2.8)                   | 0.375 (9.53)       | 92 (137)                     |
| 393004      | Red              | 8 AWG          | 7 x .0486 | .110 (2.8)                   | 0.375 (9.53)       | 92 (137)                     |
| 393005      | Terra cotta      | 8 AWG          | 7 x .0486 | .110 (2.8)                   | 0.375 (9.53)       | 92 (137)                     |
| 393006      | Yellow           | 8 AWG          | 7 x .0486 | .110 (2.8)                   | 0.375 (9.53)       | 92 (137)                     |
| 393007      | White            | 8 AWG          | 7 x .0486 | .110 (2.8)                   | 0.375 (9.53)       | 92 (137)                     |
| 389172      | Black            | 6 AWG          | 7 x .0612 | .110 (2.8)                   | 0.410 (10.4)       | 129 (192)                    |
| 393010      | Blue             | 6 AWG          | 7 x .0612 | .110 (2.8)                   | 0.410 (10.4)       | 129 (192)                    |
| 393011      | Green            | 6 AWG          | 7 x .0612 | .110 (2.8)                   | 0.410 (10.4)       | 129 (192)                    |
| 393012      | Grey             | 6 AWG          | 7 x .0612 | .110 (2.8)                   | 0.410 (10.4)       | 129 (192)                    |
| 393013      | Orange           | 6 AWG          | 7 x .0612 | .110 (2.8)                   | 0.410 (10.4)       | 129 (192)                    |
| 393014      | Red              | 6 AWG          | 7 x .0612 | .110 (2.8)                   | 0.410 (10.4)       | 129 (192)                    |
| 393015      | Terra cotta      | 6 AWG          | 7 x .0612 | .110 (2.8)                   | 0.410 (10.4)       | 129 (192)                    |
| 393016      | Yellow           | 6 AWG          | 7 x .0612 | .110 (2.8)                   | 0.410 (10.4)       | 129 (192)                    |
| 393017      | White            | 6 AWG          | 7 x .0612 | .110 (2.8)                   | 0.410 (10.4)       | 129 (192)                    |
| 388181      | Black            | 4 AWG          | 7 x .0772 | .110 (2.8)                   | 0.460 (11.7)       | 185 (276)                    |
| 393020      | Blue             | 4 AWG          | 7 x .0772 | .110 (2.8)                   | 0.460 (11.7)       | 185 (276)                    |
| 393021      | Green            | 4 AWG          | 7 x .0772 | .110 (2.8)                   | 0.460 (11.7)       | 185 (276)                    |
| 393022      | Grey             | 4 AWG          | 7 x .0772 | .110 (2.8)                   | 0.460 (11.7)       | 185 (276)                    |
| 393023      | Orange           | 4 AWG          | 7 x .0772 | .110 (2.8)                   | 0.460 (11.7)       | 185 (276)                    |
| 393024      | Red              | 4 AWG          | 7 x .0772 | .110 (2.8)                   | 0.460 (11.7)       | 185 (276)                    |
| 393025      | Terra cotta      | 4 AWG          | 7 x .0772 | .110 (2.8)                   | 0.460 (11.7)       | 185 (276)                    |
| 393026      | Yellow           | 4 AWG          | 7 x .0772 | .110 (2.8)                   | 0.460 (11.7)       | 185 (276)                    |
| 393027      | White            | 4 AWG          | 7 x .0772 | .110 (2.8)                   | 0.460 (11.7)       | 185 (276)                    |

The data herein is approximate and subject to normal manufacturing tolerances.

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

Available colors:

|             |                                                                                     |
|-------------|-------------------------------------------------------------------------------------|
| Black       |  |
| Blue        |  |
| Green       |  |
| Grey        |  |
| Orange      |  |
| Red         |  |
| Terra cotta |  |
| Yellow      |  |
| White       |  |

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