Airport Lighting Cable
5000 Volt Non-Shielded Airport Lighting Cable, Copper Conductor With Cross-Linked Polyethylene Insulation XLPE. Meets (FAA) specification L-824 C For Underground Electrical Cable for Airport Lighting Circuits

Images not to scale. See Table for Dimensions

Available in Colors: [Black] [Red] [Yellow]

CONSTRUCTION:
1. **Conductors**: Class B copper per ASTM B 3 and B8
2. **Insulation**: Cross-Linked Polyethylene XLPE

APPLICATIONS AND FEATURES:
Southwire’s Airport Lighting Cable meets the requirements of (FAA) L-824 C underground electrical cable for airport lighting circuits (AC 150/5345-53D), (AC 150/5345-7F). Southwire’s Airport Lighting Cable is available in sizes #8 AWG through #4 AWG 7 strands. The conductors are bare annealed copper class B and covered with an abrasion, moisture, and heat resistant Cross-Linked Polyethylene XLPE insulation. The 5KV non-shielded cable is available in Black, Red and Yellow colors. Southwire Airport Lighting Cable is primarily used for series lighting circuits for runways, control systems, and other multi-purpose installations. It can be used in direct burial, conduit, or raceways. These cables are capable of operating continuously at a conductor temperature not in excess of 90°C for normal operation, 130°C for emergency and 250°C for short circuit conditions.

- Cable is manufactured by Southwire Company in either Starkville, MS or Douglas, GA USA
- Cable has a warranty of 1 year from date of installation or 2 years from date of shipment whichever comes first.

SPECIFICATIONS:
- ASTM B3 - Soft or annealed copper
- ASTM B8 - Concentric-lay-standard copper
- ICEA S-96-659 NEMA WC71 - Non-Shielded Power Cables rated 2001-5000 volts
- FAA L-824 C Specification Approved by (AC 150/5345-53D), (AC 150/5345-7F)

SAMPLE PRINT LEGEND:
SOUTHWIRE® xxSIZE 5000 VOLTS FAA L-824, TYPE C

<table>
<thead>
<tr>
<th>Stock Number</th>
<th>Catalog Number</th>
<th>Conductor Size</th>
<th>Diam. (1)</th>
<th>Insulation Thickness</th>
<th>Nominal OD (2)</th>
<th>Nominal Weight</th>
<th>DC Resistance @ 25°C</th>
<th>Reactance @ 60 Hz</th>
<th>Min Bend Radius</th>
<th>Max Pull Tension</th>
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<tbody>
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All dimensions are nominal and subject to normal manufacturing tolerances