



### FAA L-824 Type C Unshielded 5kV

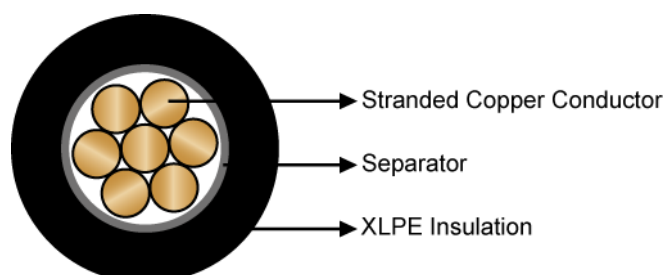
#### » Applications

These cables are used for interconnecting the transformers and the current regulator of airfield lighting systems in series circuits, suitable for fixed applications such as taxiways, runways, navigational aids, and obstruction lighting, can be installed in conduit and direct burial.

#### » Standards

FAA L-824 Type C  
ICEA S-96-659/NEWA WC71

#### » Construction



**Conductor:** Stranded bare copper to ASTM B3 and ASTM B8.

**Separator:** Semi-conductive extruded layer or semi-conductive tape.

**Insulation:** XLPE.

#### » Technical Data

Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> )	5kV
Maximum Conductor Temperature	90°C
Short Circuit Temperature	250°C
Operating Temperatures	-40°C~+90°C
Minimum Bending Radius	5×OD
Lead Free	Yes

# Caledonian Airport Cables

## Airfield Lighting Cables



### » Dimensions and Weight

Construction	No. of Strand	Nominal Insulation Thickness		Nominal Overall Diameter		Nominal Weight	
		mm	inches	mm	inches	kg/km	lbs/kft
1×8	7/19	2.79	0.11	9.65	0.380	132	89
1×6	7/19	2.79	0.11	10.67	0.420	186	125
1×4	7/19	2.79	0.11	11.68	0.46	268	180

