



Caledonian Airport Cables

Airfield Lighting Cables

FAA L-824 Type C Sheathed 5kV

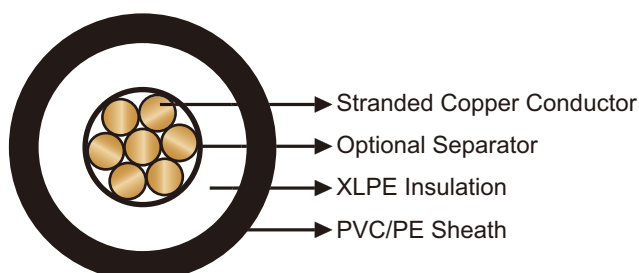
» Applications

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.

Optional Separator: Optional separator or conductor shield be applied.

Insulation: XLPE.

Sheath: PE/PVC.

» Technical Data

Rated Voltage U_0/U (U_m)	5kV
Maximum Conductor Temperature	90°C
Short Circuit Temperature	250°C
Operating Temperatures	-40°C~+90°C
Minimum Bending Radius	static: 10×OD; dynamic: 20×OD
Impacted Resistant	Yes
Weather Resistant	Yes

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» Dimensions and Weight

Construction	No. of Strand	Nominal Insulation Thickness		Nominal Insulation Thickness		Nominal Overall Diameter		Nominal Weight	
		mm	mm	mm	inches	mm	inches	kg/km	lbs/kft
1×6mm ²	7	2.3	0.09	0.8	0.03	9.9	0.39	180	121
1×8	7	2.3	0.09	0.76	0.03	10.1	0.396	95	64
1×6	7	2.3	0.09	0.76	0.03	11.0	0.433	127	85
1×4	7	2.3	0.09	1.14	0.045	13.0	0.509	164	110

