



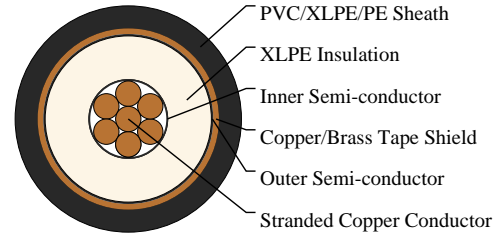
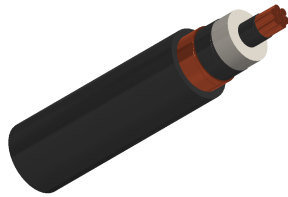
Caledonian

Airport Cables

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FAA L-824 Type C Shielded 5kV 1C8AWG



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, touchdown zones, land and hold short lighting systems, can be installed in conduit, duct, aerial and direct burial.

STANDARDS

FAA AC 150 / 5345-7E

FAA L-824 Type C

ICEA S-93-639 / NEMA WC74

CABLE CONSTRUCTION

Conductor: Stranded bare or tinned copper.

Inner Semi-Conductor: Extruded semi-conducting compound.

Insulation: XLPE.

Outer Semi-Conductor: Semi conducting tape or extruded.

Shield: Copper or brass tape(s). Tinned copper wire braid can be offered upon request.

Sheath: PVC. PE/XLPE can be offered upon request.

PHYSICAL AND THERMAL PROPERTIES

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

DIMENSION AND PARAMETERS

Cable Construction	No. of Strands	Nominal Insulation Thickness	Nominal Insulation Thickness	Approx. Overall Diameter	Approx. Overall Diameter	Approx. Weight	Approx. Weight
		in	mm	in	mm	kg/km	LBS/MFT



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1x8AWG	7/19	0.09	2.3	0.565	14.3	298	200
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