

Caledonian Airport Cables

Airfield Lighting Cables



FAA L-824 Type B Shielded 5kV

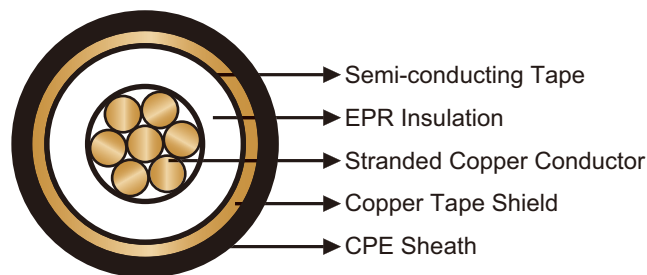
» Applications

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 B
ICEA S-93-639 / NEMA WC74

» Construction



Conductor: Stranded tinned copper conductor.

Insulation: EPR.

Semi-Conductor: Helically applied semi-conducting tape.

Shield: Tinned copper tape.

Separator: Separation tape.

Sheath: CPE.

» Technical Data

Rated Voltage U ₀ /U (U _m)	5kV
Maximum Conductor Temperature	90°C
Short Circuit Temperature	250°C
Operating Temperatures	-40°C~+85°C
Minimum Bending Radius	12×OD



Caledonian Airport Cables

Airfield Lighting Cables

Halogen Free	Yes
Abrasion Resistant	Yes
UV Resistant	Yes
Oil Resistant	Yes

» Dimensions and Weight

Construction No. ×mm ² / AWG	No. of Strand -	Nominal Insulation Thickness		Nominal Sheath Thickness		Nominal Overall Diameter		Nominal Weight	
		mm	inches	mm	inches	mm	inches	kg/km	lbs/kft
1×6mm ²	7	2.3	0.09	1.2	0.05	11.1	0.44	194	130
1×8	7	2.3	0.09	1.2	0.05	11.7	0.46	225	151

