

# Caledonian Airport Cables

## Airfield Lighting Cables



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

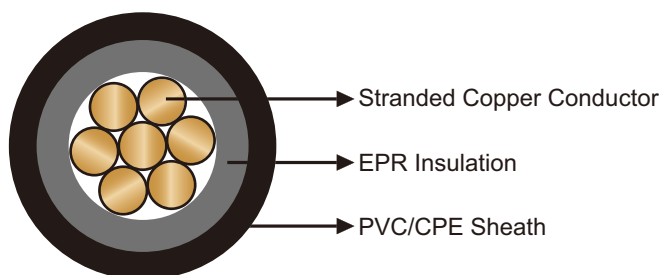
#### » Applications

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 B  
ICEA S-96-659/NEMA WC71

#### » Construction



**Conductor:** Stranded bare or tinned copper conductor.

**Insulation:** EPR.

**Sheath:** CPE/PVC.

#### » 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~+85°C
Minimum Bending Radius	5×OD
Halogen Free	Yes
Abrasion Resistant	Yes
UV Resistant	Yes
Oil Resistant	Yes



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### » Dimensions and Weight

Construction No. xmm <sup>2</sup> / AWG	No. of Strand -	Nominal Insulation Thickness		Nominal Insulation Thickness		Nominal Overall Diameter		Nominal Weight	
		mm	inches	mm	inches	mm	inches	kg/km	lbs/kft
1×6 mm <sup>2</sup>	7/19	2.3	0.09	1.2	0.05	10.0	0.39	150	101
1×8	7/19	2.3	0.09	0.76	0.03	10.7	0.420	180	121
1×6	7/19	2.3	0.09	0.76	0.03	11.7	0.460	238	160
1×4	7/19	2.3	0.09	0.76	0.03	12.8	0.505	326	219

