



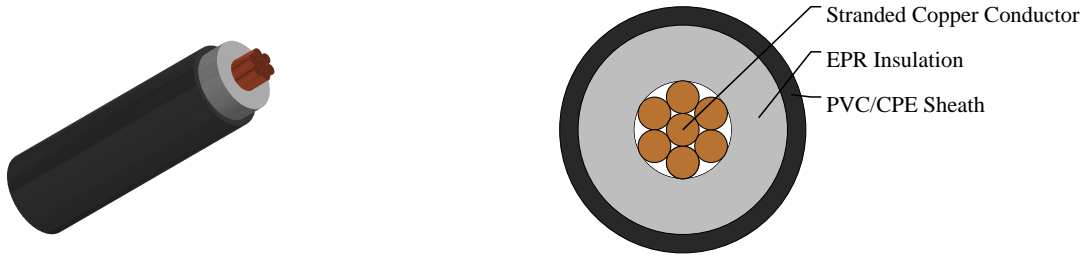
Caledonian

Airport Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

FAA L-824 Type B Unshielded 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, 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

CABLE CONSTRUCTION

Conductor: Stranded bare or tinned copper conductor.

Insulation: EPR.

Sheath: CPE/PVC.

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~+85°C

Minimum Bending Radius:5×OD

Halogen Free:Yes

Abrasion Resistant:Yes

UV Resistant:Yes

Oil Resistant:Yes

DIMENSION AND PARAMETERS

| Cable Construction | No. of Strands | Nominal Insulation Thickness | Nominal Insulation Thickness | Nominal Sheath Thickness | Nominal Sheath Thickness | Approx. Overall Diameter | Approx. Overall Diameter | Approx. Weight | Approx. Weight |
|--------------------|----------------|------------------------------|------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------|----------------|
| | | in | mm | in | mm | in | mm | kg/km | LBS/MFT |
| 1x8AWG | 7/19 | 0.09 | 2.3 | 0.03 | 0.76 | 0.42 | 10.7 | 180 | 121 |