

Caledonian Airport Cables

Airfield Lighting Cables



FL2XCYRY

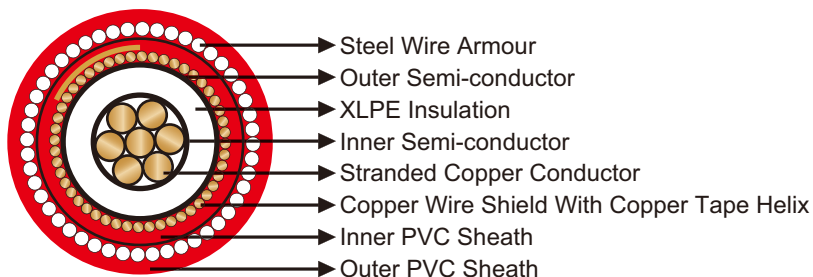
» Applications

These cables are used as airfield lighting equipment primary cables for the series circuit connecting the Constant Current Regulators and the isolating transformers, and between the isolating transformers.

» Standards

ENV 50213
IEC 50602-2

» Construction



Conductor: Stranded bare copper conductor.

Inner Semi-Conductor: Extruded semi-conducting compound.

Insulation: XLPE.

Outer Semi-Conductor: Extruded semi-conducting compound.

Shield: Concentric layer of bare copper wires, counter helix of a copper tape.

Inner Sheath: PVC.

Armour: Steel wire armour.

Outer Sheath: PVC.

» Technical Data

Rated Voltage U_0/U (Um)	6/10kV
Maximum Conductor Temperature	90°C
Short Circuit Temperature	250°C



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Operating Temperatures	-40°C~+90°C
Minimum Bending Radius	15×OD
Flame Retardant	Yes
Impacted Resistant	Yes
Weather Resistant	Yes
Oil Resistant	Yes

» Dimensions and Weight

Construction	Nominal Insulation Thickness	Nominal Shield Cross Section	Nominal Sheath Thickness	Nominal Overall Diameter	Nominal Weight
No. ×mm ²	mm	mm ²	mm	mm	kg/km
1×6	3.5	6	1.4	20.5	710

