



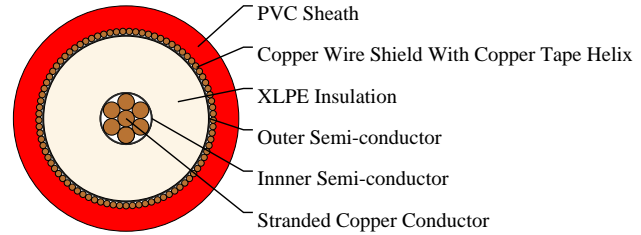
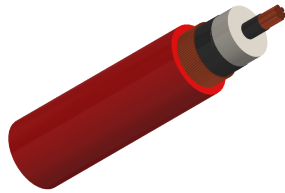
# Caledonian

Airport Cables

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## FL2XCY 1C6



### 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 60502-2

### CABLE 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.

Sheath: PVC.

### PHYSICAL AND THERMAL PROPERTIES

Rated Voltage  $U_0/U$  (Um):6/10kV

Maximum Conductor Temperature:90°C

Short Circuit Temperature:250°C

Operating Temperatures:-40°C~+90°C

Minimum Bending Radius:15×OD

Flame Retardant:Yes

Impacted Resistant:Yes

Weather Resistant:Yes

Oil Resistant:Yes

### DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Nominal Insulation Thickness	Nominal Shield Cross Section	Nominal Sheath Thickness	Nom. Overall Diameter	Approx. Weight
No.×mm <sup>2</sup>	mm	mm <sup>2</sup>	mm	mm	kg/km
1x6	3.5	6	1.4	15.6	420