

FL2XCYRY Cable



Eland Product Group: F04

APPLICATION

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. Impact and weather resistant.

CHARACTERISTICS

Rated Voltage U₀/U (Um)
6/10kV

Temperature Rating
Operating: -40°C to +90°C

Minimum Bending Radius
15 x Overall Diameter

CONSTRUCTION

Conductor
Stranded bare copper conductor

Inner Semi-Conducting Layer
Extruded semi-conducting compound

Insulation
XLPE (Cross-linked Polyethylene)

Outer Semi-Conducting Layer
Extruded semi-conducting compound

Shield
Concentric layer of bare copper wires, counter helix of copper tape

Inner Sheath
PVC (Polyvinyl chloride)

Armour
GSA (Galvanised steel wire armour)

Outer Sheath
PVC (Polyvinyl chloride) - Flame retardant, UV & Oil resistant

Sheath Colour
● Red

DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL INSULATION THICKNESS mm	NOMINAL SHEATH THICKNESS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
F0410KV010060RD	1	6	3.5	1.4	20.5	710

STANDARDS

ENV 50213, IEC 50602-2

ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.

