



## FL2XCY Cable



Eland Product Group: F03

### APPLICATION

FL2YXCY 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 U<sub>o</sub>/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

**Outer Sheath**  
PVC (Polyvinyl chloride) - UV & Oil Resistant

**Sheath Colour**  
● Red

### DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL INSULATION THICKNESS mm	NOMINAL ARMOUR THICKNESS mm	NOMINAL SHEATH THICKNESS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
F0310KV010060RD	1	6	3.5	6	1.4	15.6	420

### 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™.

