

FLYCY Cable



Eland Product Group: F02

APPLICATION

FLYCY 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)

1/2kV, 1.5/3kV, 2.5/5kV, 3/6kV, 5/10kV

Temperature Rating

Fixed: -40°C to +90°C

Minimum Bending Radius

15 x Overall Diameter

CONSTRUCTION

Conductor

Solid or stranded bare copper conductor

Insulation

PVC (Polyvinyl chloride)

Optional Separator

Separator tape

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.	VOLTAGE kV	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL SHEATH THICKNESS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
F0202KV010060RD	1/2kV	1	6	1.4	10.0	170
F0203KV010060RD	1.5/3kV	1	6	1.4	12.5	240
F0205KV010060RD	2.5/5kV	1	6	1.4	13.0	250
F0206KV010060RD	3/6kV	1	6	1.4	13.0	250
F0206KV010160RD	3/6kV	1	16	1.4	15.0	465
F0210KV010060RD	5/10kV	1	6	1.4	16.5	360
F0210KV010100RD	5/10kV	1	10	1.4	17.0	390

STANDARDS

ENV 50213, IEC 50602-2, VDE 0271

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™.

