

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 U_o/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

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability



REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].

