

NF C33-224 / NF C33-225 Cable



Eland Product Group: F01

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.

CHARACTERISTICS

Rated Voltage U_0/U (Um)

3.6/6 (7.2kV)

6/10 (12kV)

Temperature Rating

Fixed: -20°C to +70°C

Minimum Bending Radius

Static: 10 x Overall Diameter

Dynamic: 20 x Overall Diameter

CONSTRUCTION

Conductor

Stranded bare or tinned copper conductor

Inner Semi-Conductor

Extruded semi-conducting compound

Insulation

XLPE (Cross-linked Polyethylene) - EPDM on request

Outer Semi-Conductor

Extruded semi-conducting compound

Shield

Copper tape shield - Copper wire screen on request.

Sheath

XLPE (Cross-linked Polyethylene) - PVC/HFFR/CR on request.

Sheath Colour

● Black (6kV) ● Red (10kV)

DIMENSIONS

| ELAND PART NO. | VOLTAGE kV | NOMINAL CROSS SECTIONAL AREA mm ² | NO. OF STRANDS | NOMINAL INSULATION THICKNESS mm | NOMINAL SHEATH THICKNESS mm | NOMINAL OVERALL DIAMETER mm | NOMINAL WEIGHT kg/km |
|-----------------|---------------|--|-------------------|---------------------------------------|-----------------------------------|-----------------------------------|----------------------------|
| F0106KV010060BK | 3.6/6 | 6 | 7 | 2.7 | 1.4 | 12.5 | 198 |
| F0110KV010060RD | 6/10 | 6 | 7 | 3.6 | 1.6 | 14.7 | 250 |

STANDARDS

NF C33-224, NF C33-225

THE CABLE LAB®

AN ISO/IEC 17025 AND IECCE 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



SCIENCE
BASED
TARGETS

BUSINESS
AMBITION FOR 1.5°C



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®.

