

## 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<sub>0</sub>/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 <sup>2</sup>	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

### 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™.

