FXQJ 1kV Cable

Eland Product Group: B1F

APPLICATION
The FXQJ cable is suitable for use for fixed installation indoors and outdoors in air, ground and water.

CHARACTERISTICS

Voltage Rating U0/U
0.6/1kV

Temperature Rating
Minimum installation Temp: -10°C
Operating Temp: -40°C to +70°C
Short-circuit max. conductor temperature: 250°C

Minimum Bending Radius
Installation: 8 x overall diameter
Operation: 12 x overall diameter

CONSTRUCTION

Conductor
Circular Stranded Copper

Insulation
XLPE (Cross-Linked Polyethylene)

Filler
HFFR (Halogen free flame retardant)

Screen
Annealed copper wire and tape in open helix

Outer Sheath
LSZH (Low Smoke Zero Halogen)

Core Identification
4 core: ● Blue ● Brown ● Black ● Grey

Sheath Colour
● Black

STANDARDS
IEC 60228, HD 603 S1/3L, SS 424 14 18

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 is compliant with European Regulation EN 50575, the Construction Products Regulation.

This cable meets the requirements of the Low Voltage Directive 2014/35/EU and 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™.
## DIMENSIONS

<table>
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<th>ELAND PART NO.</th>
<th>NO. OF CORES</th>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>NOMINAL CROSS SECTIONAL AREA OF SCREEN mm²</th>
<th>NOMINAL OVERALL DIAMETER mm</th>
<th>NOMINAL WEIGHT kg/km</th>
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The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.