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ELAND[®]
CABLES

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 Uo/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

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



This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/853/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].





DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL CROSS SECTIONAL AREA OF SCREEN mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
B1F040025BK	4	2.5	2.5	14.5	29
B1F040060BK	4	6	6	17.0	50
B1F04010BK	4	10	10	20.2	75
B1F04016BK	4	16	16	23.0	106

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.