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**ELAND<sup>®</sup>**  
**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

### 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

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL CROSS SECTIONAL AREA OF SCREEN mm <sup>2</sup>	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.