

AXQJ 1kV Cable



Eland Product Group: B11

APPLICATION

The AXQJ 1kV cable is suitable for use in fixed installation, both indoors and outdoors in air, ground and water.

CHARACTERISTICS

Voltage Rating U₀/U
0.6/1kV

Temperature Rating

Minimum installation: -10°C
Operating: -30°C to +90°C
Maximum Short-Circuit: 250°C

Minimum Bending Radius

Fixed: 8 x overall diameter
Flexed: 12 x overall diameter

CONSTRUCTION

Conductor

Sector Shaped Stranded Aluminium

Insulation

XLPE (Cross-Linked Polyethylene)

Inner Sheath

HFFR (Halogen free flame retardant)

Screen

Annealed copper wires with opposite open helix of copper

Outer Sheath

HFFR (Halogen free flame retardant)

Core Identification

3 core: ● Brown ● Black ● Grey
4 core: ● Blue ● Brown ● Black ● Grey

Sheath Colour

● Black

STANDARDS

IEC 61034, IEC 60754, SS 424 14 18, HD 603 S1/3L

ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab[®], a UKAS accredited ISO 17025 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 ²	NOMINAL OUTER DIAMETER mm	NOMINAL WEIGHT kg/km
B1I03050BK	3	50	26.0	87
B1I03070BK	3	70	30.0	110
B1I03095BK	3	95	33.3	150
B1I03120BK	3	120	38.0	185
B1I03150BK	3	150	41.0	225
B1I03185BK	3	185	45.0	287
B1I03240BK	3	240	51.0	360
B1I03300BK	3	300	55.0	445
B1I04050BK	4	50	29.3	108
B1I04070BK	4	70	33.3	144.2
B1I04095BK	4	95	33.0	190
B1I04120BK	4	120	38.0	238.6
B1I04150BK	4	150	41.0	285
B1I04185BK	4	185	45.0	360
B1I04240BK	4	240	51.0	435
B1I04300BK	4	300	55.0	572

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.