



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** Uo/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

## THE CABLE LAB<sup>®</sup>

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](http://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<sup>®</sup>.





## DIMENSIONS

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