



AXQJ EMC 1kV Cable



Eland Product Group: B1K

APPLICATION

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

CHARACTERISTICS

Voltage Rating
1kV

Temperature Rating
Minimum installation: 0°C
Recommended minimum installation: 0°C
Maximum Operating: 90°C
Maximum Short-Circuit: 250°C

Minimum Bending Radius
12x 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
4 core: ● Blue ● Brown ● Black ● Grey

Sheath Colour
● Black

STANDARDS

SS-EN 60228 Class 2, SS 424 14 18, HD603 S1/5P

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 2015/65/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 OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
B1K04050BK	4	50	29.0	113
B1K04095BK	4	95	38.0	204
B1K04150BK	4	150	48.0	313
B1K04240BK	4	240	58.0	500

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.