

## 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

### ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab<sup>®</sup>, 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<sup>®</sup> as meeting the requirements of the BSI RoHS Trusted Kitemark<sup>™</sup>.





## DIMENSIONS

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