

EAXVB 1kV Cable



Eland Product Group: B1V

APPLICATION

The EAXVB 1kV cable can be used as distribution or connection cable in underground domestic or industrial installations. This cable is suitable for installation in cable duct, cable tray, tube, in ground with protection, open air and in industries or houses.

CHARACTERISTICS

Voltage Rating U_o/U
0.6/1kV

Temperature Rating
Operating: 0°C to +90°C
Minimum Installation: 0°C

Minimum Bending Radius
20 x overall diameter

CONSTRUCTION

Conductor
Class 1 solid aluminium

Insulation
XLPE (Cross-Linked Polyethylene)

Filler
PVC (Polyvinyl Chloride)

Outer Sheath
PVC (Polyvinyl Chloride)

Core identification
4 core: ● Blue ● Brown ● Black ● Grey
4 core earth: ● Green/Yellow ● Brown ● Black ● Grey

Sheath Colour
● Black

STANDARDS

NBN HD 603 Part 5/ Sect.A

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 ²	NOMINAL THICKNESS OF INSULATION mm	NOMINAL THICKNESS OF OUTER SHEATH mm	NOMINAL OUTER DIAMETER mm	NOMINAL WEIGHT kg/km
B1V04095	4	95	1.1	2.7	34.0	1802
B1V04150	4	150	1.4	3.0	42.14	2764

ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm ²	CURRENT CARRYING CAPACITY A
95	230
150	300

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.