

## 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<sub>o</sub>/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

#### THE CABLE LAB<sup>®</sup>

AN ISO/IEC 17025 AND IECCE 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 2015/65/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 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 <sup>2</sup>	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.