



Eland Product Group: B2P

## APPLICATION

The AXMK and XMK Plus is designed for the replacement of AXPk and AXPk-PE. The outer sheath is self-extinguishing and halogen-free. Suitable for fixed installation indoors and outdoors, perfect for ploughing down. Suitable for cable ducts and house connections.

## CHARACTERISTICS

**Voltage Rating** U<sub>o</sub>/U  
0.6/1kV

**Test Voltage**  
4kV/50Hz

**Temperature Rating**  
Laying temperature: -20°C  
Maximum Conductor temperature: +90°C

**Short Circuit Temperature**  
250°C

**Minimum Bending Radius**  
12 x overall diameter

## CONSTRUCTION

**Conductor**  
**AXMK**  
Class 2 round stranded and compact aluminium  
**XMK**  
Class 2 round stranded and compact copper

**Insulation**  
XLPE (Cross-Linked Polyethylene)

**Outer Sheath**  
Halogen free polyolefin, UV resistant

**Core Identification**  
● Black

**Sheath Colour**  
● Black

## STANDARDS

EN 60332-1 Cat. B, IEC 60502-1, HD 603-SD S1, SFS 4879

## 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 2015/853/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab<sup>®</sup>.





## DIMENSIONS

### AXMK

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL WEIGHT kg/km
B2PA01300	1	300	490
B2PA01500	1	500	620
B2PA01800	1	800	710

### XMK

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL WEIGHT kg/km
B2P01300	1	300	710

## ELECTRICAL CHARACTERISTICS

### AXMK

NOMINAL CROSS SECTIONAL AREA mm <sup>2w</sup>	CURRENT CARRYING CAPACITY A		MAXIMUM CONDUCTOR DC RESISTANCE AT AT 20°C ohm/km
	AIR	GROUND	
300	560	525	0.100
500	-	873	0.0605
800	1050	1000	0.0367

### XMK

NOMINAL CROSS SECTIONAL AREA mm <sup>2w</sup>	CURRENT CARRYING CAPACITY A		MAXIMUM CONDUCTOR DC RESISTANCE AT AT 20°C ohm/km
	AIR	GROUND	
300	735	665	0.0601

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.