

## A/XMK Plus Cable



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

### 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

### 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>2</sup> w	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>2</sup> w	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.