

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_0/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[®]

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



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[®].





DIMENSIONS

AXMK

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

ELECTRICAL CHARACTERISTICS

AXMK

NOMINAL CROSS SECTIONAL AREA mm ² w	CURRENT CARRYING CAPACITY A		MAXIMUM CONDUCTOR DC RESISTANCE 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 ² w	CURRENT CARRYING CAPACITY A		MAXIMUM CONDUCTOR DC RESISTANCE 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.