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 Uo/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**

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>NO. OF CORES</th>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>NOMINAL WEIGHT kg/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>B2PA01300</td>
<td>1</td>
<td>300</td>
<td>490</td>
</tr>
<tr>
<td>B2PA01500</td>
<td>1</td>
<td>500</td>
<td>620</td>
</tr>
<tr>
<td>B2PA01800</td>
<td>1</td>
<td>800</td>
<td>710</td>
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**XMK**

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### ELECTRICAL CHARACTERISTICS

**AXMK**

<table>
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<tr>
<th>NOMINAL CROSS SECTIONAL AREA mm²w</th>
<th>CURRENT CARRYING CAPACITY A</th>
<th>MAXIMUM CONDUCTOR DC RESISTANCE AT 20°C ohm/km</th>
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<tbody>
<tr>
<td>AIR</td>
<td>GROUND</td>
<td></td>
</tr>
<tr>
<td>300</td>
<td>560</td>
<td>525</td>
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<tr>
<td>500</td>
<td>-</td>
<td>873</td>
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<tr>
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<td>665</td>
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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.