AXMK PE Cable

Eland Product Group: B2W

APPLICATION
The AXMK PE is a power cable suitable for use in earth, ducts, on support brackets, in dry and wet conditions where one does not expect mechanical damages and the cables are not exposed to the mechanical tensile strain. Mainly used in urban networks, industrial plants, electric power plants and for connection of control devices in industry.

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**
RM: Class 2 annealed round stranded aluminium
SM: Class 2 annealed sector shaped stranded aluminium

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

**Outer Sheath**
PE (Polyethylene)

**Core Identification**
3 core: Green/Yellow ● Blue ● Brown
4 core: Green/Yellow ● Brown ● Black ● Grey
5 core: Green/Yellow ● Blue ● Brown ● Black ● Grey
7 core and above: Black with ○ White numbers

**Sheath Colour**
● Black

STANDARDS

EN 60332-1-2 . HD 603 SD, SFS 4879, HD 308 S2

ISO/IEC 17025 LAB TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, a UKAS accredited ISO 17025 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™.
### ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>NOMINAL CROSS SECTIONAL AREA</th>
<th>CURRENT CARRYING CAPACITY</th>
<th>MAXIMUM CONDUCTOR DC RESISTANCE AT 20°C</th>
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<tbody>
<tr>
<td></td>
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<td>AIR</td>
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<tr>
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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.