5kV 6mm² XLPE HDPE Cable

Eland Product Group: AGL

APPLICATION
A single core 2kV un-screened HDPE sheathed power cable, used for the interconnection of Airfield Lighting systems. Suitable for installation in conduit, duct, aerial and direct burial.

CHARACTERISTICS
Voltage Rating
5kV

Temperature Rating
-25°C to +90°C

Minimum Bending Radius
9 x overall diameter

CONSTRUCTION
Conductor
Class 2 stranded copper conductor

Insulation
XLPE (Cross-Linked Polyethylene)

Sheath
HDPE (High-Density Polyethylene)

Sheath Colour
● Black

STANDARDS
FAA L-824C, BS EN 60228

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 meets the requirements of 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

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>NO. OF CORES</th>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>RADIAL THICKNESS OF INSULATION mm</th>
<th>NOMINAL OVERALL DIAMETER mm</th>
<th>MAXIMUM RESISTANCE OF CONDUCTOR ohms/km</th>
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</thead>
<tbody>
<tr>
<td>AGL5KV006HD</td>
<td>1</td>
<td>6</td>
<td>3.05</td>
<td>11.9</td>
<td>3.08</td>
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</tbody>
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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.