**5kV 6mm² XLPE BT PVC Cable**

Eland Product Group: AGL

**APPLICATION**
A single core 5kV, PVC sheathed power cable with brass tape. Used for the interconnection of Airfield Lighting systems. Suitable for the 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)
- **Screen**: Brass tape
- **Sheath**: PVC (Polyvinyl Chloride)
- **Sheath Colour**: Black

**STANDARDS**

- FAA L-824C, BS EN 60228
- bsi.

**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 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**

<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>
</tr>
</thead>
<tbody>
<tr>
<td>AGL5KVBT006PV</td>
<td>1</td>
<td>6</td>
<td>3.05</td>
<td>12.1</td>
<td>3.08</td>
</tr>
</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.