5kV 6mm² XLPE BT HDPE Cable

Eland Product Group: AGL

APPLICATION
A single core 5kV, HDPE sheathed power cable with brass tape. Used for the interconnection of Airfield Lighting system. 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)

Screen
Brass tape

Sheath
HDPE (High-Density Polyethylene)

Sheath Colour
● Black

STANDARDS
FAA L-824C, BS EN 60228

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>AGLBT6PE</td>
<td>1</td>
<td>6</td>
<td>3.05</td>
<td>12.1</td>
<td>3.08</td>
</tr>
</tbody>
</table>

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.