Coaxial RA7000 Equivalent Cable

Eland Product Group: A7E

APPLICATION
Manufactured to BT specifications and used for interconnection of data or telecoms equipment.

CHARACTERISTICS
Voltage Rating
30V

Temperature Rating
+70ºC

CONSTRUCTION
Conductor
Tinned copper conductor

Insulation
Foam PE (Polyethylene)

Shield
Bonded Aluminium PET (Polyethylene Terephthalate) (115% overlap)

Braiding
Tinned copper (93%)

Sheath
LSZH (Low Smoke Zero Halogen)

Sheath Colour
White

STANDARDS
CW1229

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>CONDUCTOR SIZE mm</th>
<th>NOMINAL THICKNESS OF INSULATION mm</th>
<th>NOMINAL OVERALL DIAMETER mm</th>
<th>NOMINAL WEIGHT kg/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>A7E757KLSZH/01</td>
<td>1</td>
<td>1/0.61</td>
<td>2.8</td>
<td>4.5</td>
<td>29</td>
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</tbody>
</table>

ELECTRICAL CHARACTERISTIC

<table>
<thead>
<tr>
<th>NOMINAL CAPACITANCE pf/m</th>
<th>IMPEDANCE ohms</th>
<th>VELOCITY RATIO %</th>
<th>MAXIMUM RESISTANCE OF CONDUCTOR AT 20ºC ohms/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>56</td>
<td>75</td>
<td>82</td>
<td>64.8</td>
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</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.