Coaxial BT3002 16 Way / 8 Way Cable

Eland Product Group: A7E

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

CHARACTERISTICS

Voltage Rating
300V

Temperature Rating
Fixed: +80°C

CONSTRUCTION

Conductor
Solid copper conductor

Insulation
PE (Polyethylene)

Braiding 1
Tinned copper (90%)

Braiding 2
Tinned copper (90%)

Inner Sheath
PVC (Polyvinyl Chloride)

Filler
PVC (Polyvinyl Chloride)

Outer Sheath
FR-PVC (Flame Retardant - Polyvinyl Chloride)

Sheath Colour
White

STANDARDS
EN 50289, CW 1383

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>COAXIAL CABLE</th>
<th>NO. OF CORES</th>
<th>CONDUCTOR SIZE mm</th>
<th>NOMINAL THICKNESS OF INSULATION mm</th>
<th>NOMINAL OVERALL DIAMETER mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>A7EBT3002/8</td>
<td>8 Way</td>
<td>8</td>
<td>0.31</td>
<td>1.95</td>
<td>14.6</td>
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<tr>
<td>A7EBT3002/16</td>
<td>16 Way</td>
<td>16</td>
<td>0.31</td>
<td>1.95</td>
<td>20.5</td>
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</tbody>
</table>

## ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>COAXIAL CABLE</th>
<th>NOMINAL CAPACITANCE pf/m</th>
<th>IMPEDANCE AT 200MHz ohms</th>
<th>ATTENUATION AT 5MHz -dB/100m</th>
<th>MAXIMUM RESISTANCE OF CONDUCTOR AT 20ºC ohms/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 Way</td>
<td>67</td>
<td>75</td>
<td>4.8</td>
<td>274.2</td>
</tr>
<tr>
<td>16 Way</td>
<td>67</td>
<td>75</td>
<td>4.8</td>
<td>274.1</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.