CW1128 External Telephone Cable

Eland Product Group: A8T

APPLICATION
Cables primarily designed for the interconnection of telephone equipment. In addition these cables may be used for interconnection of other communication and control equipment or low level signalling applications.

CHARACTERISTICS
Temperature Rating
0°C to +40°C
*Maximum continuous temperature of standard jelly compound

Minimum Bending Radius
10 x overall diameter

CONSTRUCTION
Conductor
Class 1 solid copper

Insulation
CEL-PE (Cellular Polyethylene)

Filler
Petroleum Jelly

Separator
Clupak paper tape (with rip cord)

Sheath
PE (Polyethylene)

Sheath Colour
Black

STANDARDS
BT CW 1128, BS EN/IEC 60708-1, 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 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 PAIRS</th>
<th>NOMINAL DIAMETER OF CONDUCTORS mm</th>
<th>PAIR CONFIGURATION</th>
<th>NOMINAL OVERALL DIAMETER mm</th>
<th>NOMINAL WEIGHT kg/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>A8TCW11280502</td>
<td>2</td>
<td>0.5</td>
<td>1 Quad</td>
<td>7.5</td>
<td>50</td>
</tr>
<tr>
<td>A8TCW11280505</td>
<td>5</td>
<td>0.5</td>
<td>1 x 5 Pairs</td>
<td>8</td>
<td>53</td>
</tr>
<tr>
<td>A8TCW11280510</td>
<td>10</td>
<td>0.5</td>
<td>1 x 10 Pairs</td>
<td>9.5</td>
<td>79</td>
</tr>
<tr>
<td>A8TCW11280520</td>
<td>20</td>
<td>0.5</td>
<td>4 x 5 Pairs</td>
<td>12</td>
<td>141</td>
</tr>
<tr>
<td>A8TCW11280550</td>
<td>50</td>
<td>0.5</td>
<td>5 x 10 Pairs</td>
<td>16.5</td>
<td>310</td>
</tr>
<tr>
<td>A8TCW112805100</td>
<td>100</td>
<td>0.5</td>
<td>10 x 10 Pairs</td>
<td>22</td>
<td>578</td>
</tr>
</tbody>
</table>

ELECTRICAL CHARACTERISTICS

CW1128 1/0.5 PJ Filled Unarmoured

<table>
<thead>
<tr>
<th>NOMINAL DIAMETER OF CONDUCTORS mm</th>
<th>MAXIMUM CONDUCTOR RESISTANCE AT 20°C ohms/km</th>
<th>MINIMUM INSULATION RESISTANCE AT 20°C Mohms/km</th>
<th>MAXIMUM MUTUAL CAPACITANCE nF/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>96</td>
<td>1500</td>
<td>64</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.