8791 300V LSZH Alternative Cable

Eland Product Group: A3B

CHARACTERISTICS

Voltage Rating
300V

Temperature Rating
+70°C

CONSTRUCTION

Conductor
Tinned copper conductor

Insulation
PVC (Polyvinyl Chloride)

Braid
Tinned copper (80% coverage)

Sheath
PVC (Polyvinyl Chloride)

Core Identification
Red ● Black ○ White

Sheath Colour
● Dark Grey

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>AWG (NO. OF STRANDS)</th>
<th>NOMINAL DIAMETER OF STRANDS mm</th>
<th>NOMINAL DIAMETER OF INSULATION mm</th>
<th>NOMINAL THICKNESS OF SHEATH mm</th>
<th>NOMINAL OVERALL DIAMETER mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3B8791LSZH300V</td>
<td>3</td>
<td>AWG18(7)</td>
<td>0.404</td>
<td>0.60</td>
<td>0.71</td>
<td>6.6</td>
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</table>

ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>MINIMUM DC INSULATION RESISTANCE AT 20°C Mohms/m</th>
<th>MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C ohms/100m</th>
<th>NOMINAL CAPACITANCE CONDUCTOR TO CONDUCTOR PF/M</th>
<th>NOMINAL CAPACITANCE CONDUCTOR TO CONDUCTOR &amp; BRAID PF/M</th>
<th>NOMINAL VELOCITY %</th>
<th>NOMINAL IMPEDANCE Ω</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;200</td>
<td>&lt;84.6</td>
<td>42</td>
<td>75</td>
<td>66</td>
<td>120</td>
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