9502 - LSZH 300V Alternative Cable

Eland Product Group: A3B

APPLICATION
9502 - LSZH Alternative overall screened cable provides protection against electrical interference. Suitable for use over long distances at high performance levels and where low signal distortion is required. Used for instrumentation control and RS232 applications. For installations where fire, smoke emissions and toxic fumes create a potential risk to life and equipment.

CONSTRUCTION
Conductor
Class 2 stranded tinned copper conductor

Insulation
PE (Polyethylene)

Drain Wire
Tinned copper

Screen
AL-Foil (Aluminium Foil)

Sheath
LSZH (Low Smoke Zero Halogen)

CHARACTERISTICS
Voltage Rating
300V

Temperature Rating
Fixed: -20°C to +80°C

Core Identification
Pair 1: ● Black ● Red
Pair 2: ● Black ○ White

Sheath Colour
● Grey

DIMENSIONS

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>NO. OF PAIRS</th>
<th>AWG (NO. OF STRANDS)</th>
<th>NOMINAL DIAMETER OF STRANDS mm</th>
<th>NOMINAL OVERALL DIAMETER mm</th>
<th>NOMINAL WEIGHT kg/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3B9502LSZHGR</td>
<td>2</td>
<td>AWG24(7)</td>
<td>0.2</td>
<td>5.6</td>
<td>34</td>
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</tbody>
</table>

ELECTRICAL CHARACTERISTICS

<table>
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<tr>
<th>ELAND PART NO.</th>
<th>MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C ohms/km</th>
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<tbody>
<tr>
<td>A3B9502LSZHGR</td>
<td>84.8</td>
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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.