9501 - 300V LSZH Alternative Cable

Eland Product Group: A3B

APPLICATION

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.

CHARACTERISTICS

Voltage Rating

300V

Temperature Rating

Fixed: -20°C to +80°C

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)

Core Identification

Pair 1: Black Red
Pair 2: Black White
Pair 3: Black Green
Pair 4: Black Blue

Sheath Colour

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 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>
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</thead>
<tbody>
<tr>
<td>A3B9501LSZHGR</td>
<td>1</td>
<td>AWG24(?)</td>
<td>0.2</td>
<td>3.8</td>
<td>21</td>
</tr>
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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.