9418 300V LSZH Alternative Cable

Eland Product Group: A3B

APPLICATION
This cable is used for RS485 data communications, offering a low capacitance insulation and screen to prevent interference.

CHARACTERISTICS
Voltage Rating
300V

Temperature Rating
+80°C

CONSTRUCTION
Conductor
Stranded tinned copper conductor

Insulation
FR-PVC (Flame retardant- Polyvinyl Chloride)

Shield
Aluminium foil

Drain Wire
Stranded tinned copper

Sheath
LSZH (Low Smoke Zero Halogen)

Core Identification
● Red ● Green ● Black ○ White

Sheath Colour
● Grey

DIMENSIONS

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>NO. OF QUADS</th>
<th>AWG (NO. OF STRANDS)</th>
<th>NOMINAL DIAMETER OF STRANDS mm</th>
<th>NOMINAL DIAMETER OF INSULATION mm</th>
<th>NOMINAL OVERALL DIAMETER mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3B9418LSZH300V</td>
<td>1</td>
<td>AWG18(19)</td>
<td>0.25</td>
<td>1.80</td>
<td>6.22</td>
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</tbody>
</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>
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</thead>
<tbody>
<tr>
<td>&gt;200</td>
<td>&lt;2.22</td>
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</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.