**APPLICATION**

8762 - LSZH Alternative cable is suitable for use in instrumentation, data and audio applications where protection against electrical interference is required. Cables with polyethylene insulation show lower signal loss than those using PVC.

**CONSTRUCTION**

**Conductor**  
Class 2 stranded tinned copper conductor

**Insulation**  
PE (Polyethylene)

**Screen**  
Aluminium foil

**Drain Wire**  
Tinned copper

**Sheath**  
LSZH (Low Smoke Zero Halogen)

**CHARACTERISTICS**

- **Voltage Rating**  
300V

- **Temperature Rating**  
Fixed: -20°C to +70°C

- **Core Identification**  
1 Pair: ● Black  ● Transparent

- **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>
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</thead>
<tbody>
<tr>
<td>A3B8762LSZH</td>
<td>1</td>
<td>AWG20(7)</td>
<td>0.3</td>
<td>5.2</td>
<td>38</td>
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</table>

**ELECTRICAL CHARACTERISTICS**

<table>
<thead>
<tr>
<th>VELOCITY RATIO %</th>
<th>IMPEDANCE ohms</th>
<th>CAPACITANCE AT 1kHz pF/m</th>
<th>MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C ohms/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>66</td>
<td>56</td>
<td>88</td>
<td>37.6</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.