8761 600V LSZH Alternative Cable

APPLICATION
A single pair overall screened LSZH (Low Smoke Zero Halogen) cable, suitable for use in instrumentation, data and audio applications where protection from electrical interference is required. For installations where fire, smoke emissions and toxic fumes create a potential risk to life and equipment.

CHARACTERISTICS
- **Voltage Rating**: 600V
- **Temperature Rating**: -25°C to +90°C

CONSTRUCTION
- **Conductor**: Class 2 stranded tinned copper conductor
- **Insulation**: HDPE (High Density Polyethylene)
- **Shield**: Al/PET (Aluminium/Polyester Tape)
- **Drain Wire**: Tinned copper
- **Sheath**: LSZH (Low Smoke Zero Halogen)
- **Core Identification**: ● Black ● Transparent
- **Sheath Colour**: ● Violet

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 OVERALL DIAMETER mm</th>
<th>NOMINAL WEIGHT kg/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3B8761NH600V</td>
<td>2</td>
<td>AWG22(7)</td>
<td>4.5</td>
<td>26</td>
</tr>
</tbody>
</table>

**Electrical Characteristics**

<table>
<thead>
<tr>
<th>NOMINAL CAPACITANCE pF/m</th>
<th>IMPEDANCE ohms</th>
<th>VELOCITY RATIO %</th>
<th>MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km</th>
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<tbody>
<tr>
<td>80</td>
<td>64</td>
<td>66</td>
<td>54.2</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.