8761 600V LSZH Alternative Cable

Eland Product Group: A3B

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 is compliant with European Regulation EN 50575, the Construction Products Regulation.

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™.

ISO/IEC 17025 Accredited Laboratory

BSI Testing Laboratory

UKAS

REGULATORY COMPLIANCE

ISO/IEC 14001 Environmental Management

ISO 45001 Occupational Health and Safety Management

Quality Management

Occupational Health and Safety Management

BSI Testing Laboratory

ISO/IEC 9001
## DIMENSIONS

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>NO. OF PAIRS</th>
<th>AWG (NO. OF STRANDS)</th>
<th>NOMINAL OVERALL DIAMETER</th>
<th>NOMINAL WEIGHT</th>
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</thead>
<tbody>
<tr>
<td>A3B8761NH600V</td>
<td>2</td>
<td>AWG22(7)</td>
<td>4.5</td>
<td>26</td>
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## ELECTRICAL CHARACTERISTICS

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