8760 - LSZH 600V Alternative Cable

Eland Product Group: A3B

APPLICATION
8760 - 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. For installations where fire, smoke emission and toxic fumes create a potential risk to life and equipment.

CONSTRUCTION
Conductor
Class 2 stranded tinned copper conductor

Insulation
HDPE (High-Density Polyethylene)

Screen
Aluminium foil

Drain Wire
Tinned copper

Sheath
LSZH (Low Smoke Zero Halogen)

CHARACTERISTICS

Voltage Rating
600V

Temperature Rating
Fixed: -25ºC to +75ºC

Core Identification
1 Pair: ● Black ● Transparent

Sheath Colour
As requested

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>
</tr>
</thead>
<tbody>
<tr>
<td>A3B8760NH600V</td>
<td>1</td>
<td>AWG18(16)</td>
<td>0.25</td>
<td>5.6</td>
<td>46</td>
</tr>
</tbody>
</table>

ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>MAXIMUM RESISTANCE OF CONDUCTOR AT 20ºC ohms/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3B8760NH600V</td>
<td>23.7</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.