9841 - SWA LSZH Alternative Cable

Eland Product Group: A3B

APPLICATION
An armoured overall foil and braid screened cable with a low capacitance and a high level of screening. Provides interference free, high speed data transmission suitable for RS485 applications.

CHARACTERISTICS

Voltage Rating
300V

Temperature Rating
+80°C

Insulation Colour
White/Blue, Blue/White

Outer Sheath Colour
Black

CONSTRUCTION

Conductor
Class 2 stranded tinned copper conductor

Insulation
PE (Polyethylene)

Screen
AL/Foil (Aluminium Foil)

Drain Wire
Stranded tinned copper

Braid
TCWB (Tinned Copper Wire Braid)

Inner Sheath
LSZH (Low Smoke Zero Halogen)

Armour
Galvanized steel wire

Outer Sheath
LSZH (Low Smoke Zero Halogen)
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.

### DIMENSIONS

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>NO. OF PAIRS</th>
<th>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>A3B9841SWA/LSZH</td>
<td>1</td>
<td>7</td>
<td>0.2</td>
<td>11</td>
<td>210</td>
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### ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>BELDEN ALTERNATIVE</th>
<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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<tbody>
<tr>
<td>9841</td>
<td>&gt;200</td>
<td>9.41</td>
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