LSZH Twin Datalink Cable [A-2Y2Y(L)H]

APPLICATION
Interconnecting cable for Solid State Interlocking (SSI) systems with LSZH sheath for use in tunnels and stations.

CHARACTERISTICS
Voltage Rating \((Uo/U)\)
0.65/1.1kV

Core Identification
1 Pair: ● Red ● Blue

Sheath Colour
● Black ● Blue

CONSTRUCTION
Conductor
Class 1 solid copper conductor

Insulation
PE (Polyethylene)

Wrapping
Polyester tape

Inner Sheath
PE (Polyethylene)

Tape
AL-PET (Aluminium - Polyethylene) tape

Outer Sheath
LSZH (Low Smoke Zero Halogen)

CABLE THIRD-PARTY ACCREDITATION
Network Rail (NR) certified and PADS listed as meeting the requirements for installation on their network

CABLE STANDARDS
BR 1932

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 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>SHEATH COLOUR</th>
<th>NO. OF PAIRS</th>
<th>THICKNESS OF INNER SHEATH mm</th>
<th>NOMINAL DIAMETER OVER INSULATION mm</th>
<th>THICKNESS OF OUTER SHEATH mm</th>
<th>NOMINAL OVERALL DIAMETER mm</th>
<th>NOMINAL WEIGHT kg/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>A8T011272HLS</td>
<td>Black</td>
<td>1</td>
<td>0.6</td>
<td>2.6</td>
<td>2.5</td>
<td>12.5</td>
<td>190</td>
</tr>
<tr>
<td>A8T011272HLSBL</td>
<td>Blue</td>
<td>1</td>
<td>0.6</td>
<td>2.6</td>
<td>2.5</td>
<td>12.5</td>
<td>190</td>
</tr>
</tbody>
</table>

# ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>INSULATION RESISTANCE ohms/km</th>
<th>CONDUCTOR RESISTANCE ohms/km</th>
<th>MUTUAL CAPACITANCE AT 10kHz nF/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>14</td>
<td>55</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.