Twin Datalink Cable

Application
The cables are used as interconnecting cables for Solid State Interlocking (SSI) systems.

Standards
- BR 1932

Construction
- Conductors: Class 1 solid plain copper conductor, 1.27mm nominal diameter.
- Insulation: Solid polyethylene.
- Inner Sheath: Low density polyethylene.
- Moisture Barrier: PE Copolymer coated aluminium tape.
- Sheath: Low density polyethylene.
- Core Identification: Blue & Red.

Electrical Characteristics at 20°C

<table>
<thead>
<tr>
<th>Nominal Conductor Diameter</th>
<th>mm</th>
<th>1.27</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Conductor Cross Section</td>
<td>mm²</td>
<td>2.5</td>
</tr>
<tr>
<td>Maximum Conductor Resistance</td>
<td>Ω/km</td>
<td>7.41</td>
</tr>
</tbody>
</table>

Mechanical and Thermal Properties
- Minimum Bending Radius: 6×OD
- Temperature Range: -25°C to +85°C (during operation); -10°C to +85°C (during installation)

Dimensions and Weight

<table>
<thead>
<tr>
<th>Cable Code</th>
<th>No. of pairs</th>
<th>Nominal Sheath Thickness mm</th>
<th>Overall Diameter Min/Max mm</th>
<th>Nominal Weight kg/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>RS1932-2Y2Y(L)2Y-1P1.27</td>
<td>1</td>
<td>2.5</td>
<td>12.47/12.8</td>
<td>136</td>
</tr>
</tbody>
</table>

- Anti Induction
- UV Resistant
- Water Resistant
- Zero Halogen
- Rated Voltage 300/500V
- Buried in Ground
- Laid In Ducts