**107mm² Copper Silver Contact Wire**

**APPLICATION**
Copper silver contact wire provides direct contact to pantograph transmitting power from overhead line system to the locomotive. The contact wire will be suspended from catenary wires via dropper wires.

**CONSTRUCTION**

**Drawing Number**
1/148/440/A3

**Material**
Copper Silver (CuAg-0.1%)

**STANDARDS**
BS EN 50149 AC 107

**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>NETWORK RAIL PART NO./PADS</th>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>MINIMUM TENSILE STRENGTH Rm N/mm²</th>
<th>MINIMUM BREAKING LOAD Fm kN</th>
<th>MINIMUM ELONGATION AT BREAK A %</th>
<th>MINIMUM ELECTRICAL CONDUCTIVITY AT 20°C μS/mmm²</th>
<th>MINIMUM ELECTRICAL CONDUCTIVITY AT 20°C % IACS</th>
<th>MAXIMUM ELECTRICAL RESISTANCE R ohms/km</th>
<th>WEIGHT kg/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>91/012685</td>
<td>0091/012685</td>
<td>107</td>
<td>360</td>
<td>37.4</td>
<td>3</td>
<td>56.3</td>
<td>80</td>
<td>0.171</td>
<td>952</td>
</tr>
</tbody>
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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.