19/2.1mm Bronze II Stranded Conductor

Eland Product Group: 91

APPLICATION
19/2.1mm Bronze II Stranded Conductor is used as catenary wire, transmitting power along the length of an overhead line system which will be connected to the contact wire via drop wires.

CHARACTERISTICS

Lay Ratio of Stranded Conductor
6 wire: 13-17 L
12 wire: 12-15 R

Wrap Properties
No break

CONSTRUCTION

Drawing Number
1/148/439/A3

Material
CuMg Bronze (Bzl)

STANDARDS

OEE 156/035, DIN 48201

Network Rail Certificate of Acceptance No:
PA05/05346

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>NO. OF SINGLE WIRES</th>
<th>EFFECTIVE CROSS SECTION mm²</th>
<th>CONSTRUCTION OF CONDUCTOR</th>
<th>DIAMETER OF SINGLE WIRES mm</th>
<th>MAXIMUM RESISTANCE AT 20ºC OF SINGLE WIRE ohms/km</th>
<th>DIAMETER OF CONDUCTOR mm</th>
<th>MINIMUM BREAKING LOAD OF STRAND kN</th>
<th>NOMINAL WEIGHT kg/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>0091/012330</td>
<td>0091/012330</td>
<td>70</td>
<td>19</td>
<td>65.81</td>
<td>1+6+12</td>
<td>2.1</td>
<td>8.018</td>
<td>10.5</td>
<td>38.64</td>
<td>596</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.