19/7/0.71mm Copper Flexible Stranded Conductor

Eland Product Group: 91

APPLICATION
Dropper wire connected to the catenary wire with the contact wire suspended below. 19 bunches, each of 7 strands.

CONSTRUCTION
Drawing Number
148/070/998

Material
Cu (Copper)

Lay Ratio of Stranded Conductor
Each bunch of 7 wires:
- 6 wire layer - left hand. 5 min. 7 max.
- Conductor of 19 bunches:
  - 6 wire layer - left hand. 7 min. 9 max
  - 12 wire layer - right hand. 9 min. 11 max

STANDARDS
IEC 60332-1

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>CONSTRUCTION OF CONDUCTOR</th>
<th>NOMINAL DIAMETER OF SINGLE WIRES (mm)</th>
<th>MAXIMUM TENSILE STRENGTH (N/mm²)</th>
<th>NOMINAL OVERALL DIAMETER (mm)</th>
<th>WEIGHT OF CONDUCTOR (kg/km)</th>
</tr>
</thead>
<tbody>
<tr>
<td>91/010271</td>
<td>148/070/998</td>
<td>54.14</td>
<td>133</td>
<td>7 x 19</td>
<td>0.71</td>
<td>300</td>
<td>10.6</td>
<td>490</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.