

19/3.20mm Hard Drawn Stranded CU Conductor 150mm²

Eland Product Group: **91**

APPLICATION

19/3.20mm Hard Drawn Stranded CU Conductor is used as catenary wire, to transmit power along the length of an overhead line system, which will be connected to the contact wire via drop wires.

CONSTRUCTION

Drawing Number

148/048/A4

Material

CU - ETP

CABLE STANDARDS

BS 7884

Network Rail Certificate of Acceptance

No: PA05/05346



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

CHARACTERISTICS

Lay Ratio of Stranded Conductor

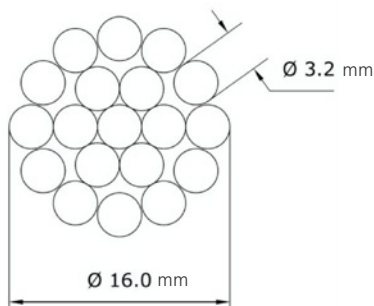
6 wire: 13-17 L

12 wire: 12-15 R

Wrap Properties

No break

DIMENSIONS



ELAND PART NO.	NETWORK RAIL PART NO. / PADS	NOMINAL CROSS SECTIONAL AREA mm ²	NO. OF SINGLE WIRES	CONSTRUCTION OF CONDUCTOR	DIAMETER OF SINGLE WIRES mm	MAXIMUM RESISTANCE AT 20°C OF SINGLE WIRE ohms/km	MINIMUM BREAKING LOAD OF SINGLE WIRE N	NOMINAL DIAMETER OF CONDUCTOR mm	MAXIMUM RESISTANCE AT 20°C OF STRAND ohms/km	MINIMUM BREAKING LOAD OF STRAND N	WEIGHT kg/km
91/010269	0091/010269	150	19	1+6+12	3.2	2.254	3271	16	0.1208	55940	1377

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.