



**ELAND[®]
CABLES**

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.

CHARACTERISTICS

Lay Ratio of Stranded Conductor

6 wire: 13-17 L
12 wire: 12-15 R

Wrap Properties

No break

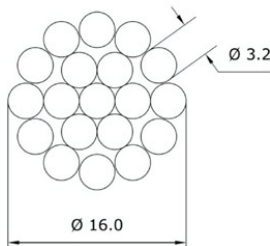
CONSTRUCTION

Drawing Number

148/048/A4

Material

CU - ETP



DIMENSIONS

CABLE THIRD-PARTY ACCREDITATION



Network Rail (NR) certified and PADS listed as meeting the requirements for installation on their network

Network Rail Certificate of Acceptance No: PA05/05346

STANDARDS

BS 7884

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECCE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability



REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].



| 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 kN | NOMINAL 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.