



**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

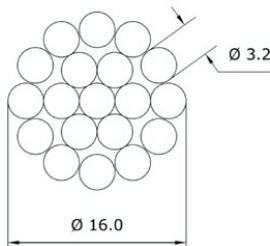
CONSTRUCTION

Drawing Number

148/048/A4

Material

CU - ETP



DIMENSIONS

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.

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

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.



8578



FS 672069



EMS 672067



OHS 672066

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™.



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