

107mm² Contact Wire with ID Groove (Hard Drawn Copper)



Eland Product Group: 91

APPLICATION

Contact wire provides direct contact to the pantograph transmitting power from the overhead line system to the locomotive. The contact wire will be suspended from catenary wires via drop wires.

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

CONSTRUCTION

Drawing Number
148/057/A4

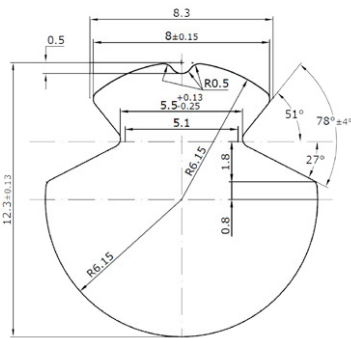
Material
Hard drawn copper

STANDARDS

BS EN 50149, OEE 156/035

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, verifying 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

ELAND PART NO.	NETWORK RAIL PART NO./ PADS	NOMINAL CROSS SECTIONAL AREA mm ²	MINIMUM TENSILE STRENGTH R _m N/mm ²	MINIMUM BREAKING LOAD F _M kN	MINIMUM ELONGATION AT BREAK A ₃₀₀ %	MINIMUM ELECTRICAL CONDUCTIVITY AT 20°C m/ohms/mm ²	MINIMUM SPECIFIC CONDUCTIVITY x %IACS	MAXIMUM RESISTIVITY AT 20°C μohms*mm ²	MAXIMUM ELECTRICAL RESISTANCE R ohms/km	WEIGHT kg/km
91/010274	0091/010274	107	360	37.4	3	56.3	97	0.01777	0.171	951

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.