

120mm² Contact Wire Copper Silver



Eland Product Group: 91

APPLICATION

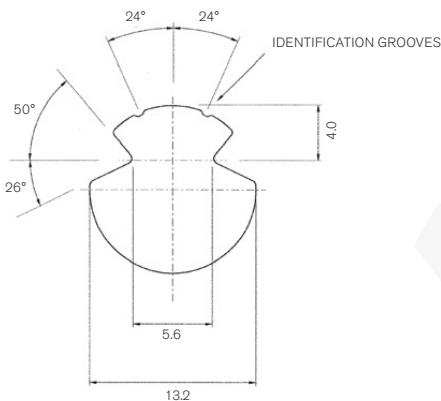
Grooved copper silver contact wire provides direct contact to pantograph transmitting power from the overhead line system to the locomotive. The grooved contact wire will be suspended from catenary wires via dropper wires.

CONSTRUCTION

Drawing Number
1/148/373

Material

Copper silver (CuAg - 0.1%)



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 EN 50149, OEE/156/035, DIN STD 43 141 Part 1 CuAg 0.1 to DIN 17 666

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECEE 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



SCIENCE
BASED
TARGETS

**BUSINESS
AMBITION FOR 1.5°C**



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[®].



DIMENSIONS

ELAND PART NO.	NETWORK RAIL PART NO./ PADS	NOMINAL CROSS SECTIONAL AREA mm ²	OVERALL DIAMETER OF CONDUCTOR mm	MINIMUM TENSILE STRENGTH Rm N/mm ²	MINIMUM BREAKING LOAD FM N	MINIMUM ELONGATION AT BREAK A ₃₀₀ %	MAXIMUM ELECTRICAL RESISTANCE R ohms/km	WEIGHT kg/km
91/012329	0091/012329	120	13.2	380	44232	3	0.153	1070

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.