



# 107mm<sup>2</sup> Copper Silver Contact Wire



Eland Product Group: 91

## APPLICATION

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

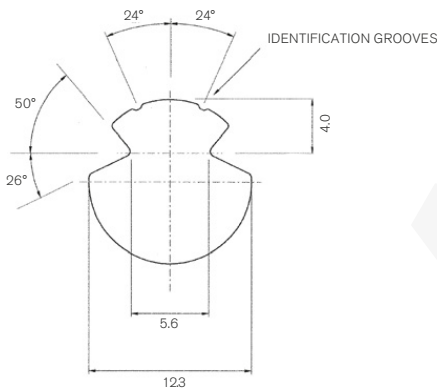
## CONSTRUCTION

### Drawing Number

1/148/440/A3

### Material

Copper Silver (CuAg-0.1%)



## STANDARDS

BS EN 50149 AC 107

## 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™.



KM 672067



## DIMENSIONS

ELAND PART NO.	NETWORK RAIL PART NO./ PADS	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	MINIMUM TENSILE STRENGTH R <sub>m</sub> N/mm <sup>2</sup>	MINIMUM BREAKING LOAD F <sub>M</sub> kN	MINIMUM ELONGATION AT BREAK A <sub>200</sub> %	MINIMUM ELECTRICAL CONDUCTIVITY AT 20°C m/ohms/mm <sup>2</sup>	MINIMUM ELECTRICAL CONDUCTIVITY AT 20°C % IACS	MAXIMUM ELECTRICAL RESISTANCE R ohms/km	WEIGHT kg/km
91/012685	0091/012685	107	360	37.4	3	56.3	80	0.171	952

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.