

# 19/2.1mm Bronze II Stranded Conductor



Eland Product Group: 91

## APPLICATION

19/2.1mm Bronze II Stranded Conductor is used as catenary wire, transmitting 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

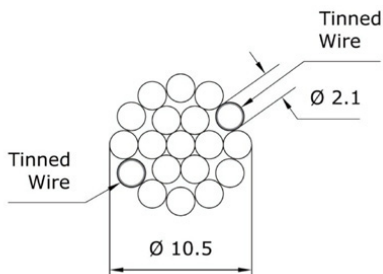
### Drawing Number

1/148/439/A3

### Material

CuMg Bronze (BzII)

## 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

OEE 156/035, DIN 48201

## THE CABLE LAB<sup>®</sup>

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](http://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<sup>®</sup>.



ELAND PART NO.	NETWORK RAIL PART NO./ PADS	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NO. OF SINGLE WIRES	EFFECTIVE CROSS SECTION mm <sup>2</sup>	CONSTRUCTION OF CONDUCTOR	DIAMETER OF SINGLE WIRES mm	MAXIMUM RESISTANCE AT 20°C OF SINGLE WIRE ohms/km	DIAMETER OF CONDUCTOR mm	MINIMUM BREAKING LOAD OF STRAND kN	NOMINAL WEIGHT kg/km
0091/012330	0091/012330	70	19	65.81	1+6+12	2.1	8.018	10.5	38.64	596

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.