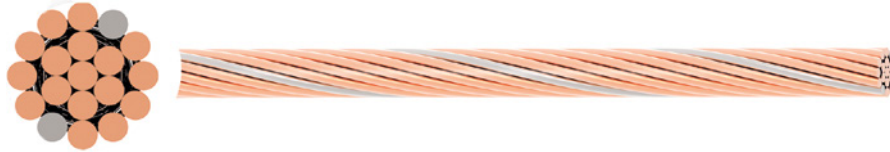


# 19/2.1mm Bronze II Stranded Conductor



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.

## CONSTRUCTION

**Drawing Number**  
 1/148/439/A3

**Material**  
 CuMg Bronze (BzII)

## CABLE STANDARDS

OEE 156/035, DIN 48201

### Network Rail Certificate of Acceptance

No: PA05/05346



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

## CHARACTERISTICS

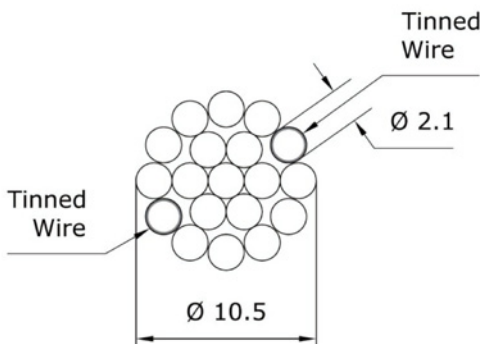
### Lay Ratio of Stranded Conductor

6 wire: 13-17 L  
 12 wire: 12-15 R

### Wrap Properties

No break

## DIMENSIONS



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	WEIGHT OF CONDUCTOR 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.