



# 7/7/0.51mm Copper Flexible Stranded Conductor



Eland Product Group: **91**

## APPLICATION

Dropper wire connected to the catenary wire with the contact wire suspended below.

## CONSTRUCTION

**Drawing Number**  
1/148/369

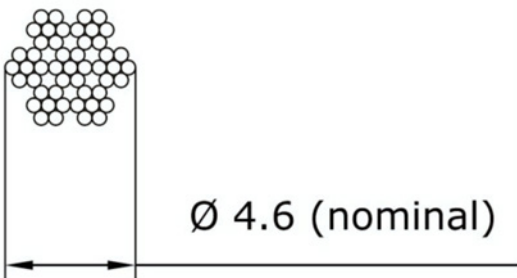
### Conductor

Class 5 flexible copper magnesium (CuMg)

### Lay Ratio of Stranded Conductor

Each bunch has a 20mm left lay length  
Final structure has a 40mm to 45mm right lay length

## DIMENSIONS



## CABLE THIRD-PARTY ACCREDITATION



Network Rail (NR) certified and PADS listed as meeting the requirements for installation within their network

## STANDARDS

SBB FL 74.02/1994

## THE CABLE LAB<sup>®</sup>

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](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	LENGTH m	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NO. OF SINGLE WIRES	CONSTRUCTION OF CONDUCTOR	NOMINAL DIAMETER OF SINGLE WIRES mm	STANDARD RESISTANCE AT 20°C OF SINGLE WIRE ohms/km	MINIMUM BREAKING LOAD OF SINGLE WIRE N	NOMINAL OVERALL DIAMETER mm	WEIGHT OF CONDUCTOR kg/km
91/030331	0091/030331	500	10	49	7 x 7	0.51	148	116	4.6	89
91/030332	0091/030332	5000	10	49	7 x 7	0.51	148	116	4.6	89

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.