

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.

CABLE STANDARDS

SBB FL 74.02/1994



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.

CONSTRUCTION

Drawing Number

1/148/369

Conductor

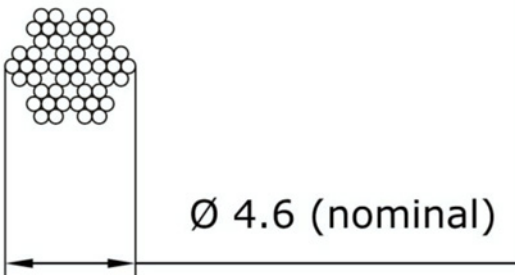
Class 5 flexible copper magnesium (CuMg)

Lay Ratio of Stranded Conductor

Each bunch has a 20mm left lay length

Final structure has a 40mm to 45mm right lay length

DIMENSIONS



ELAND PART NO.	NETWORK RAIL PART NO. / PADS	LENGTH m	NOMINAL CROSS SECTIONAL AREA mm ²	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.