

# 19/7/0.71mm Copper Flexible Stranded Conductor



Eland Product Group:

## APPLICATION

Dropper wire connected to the catenary wire with the contact wire suspended below. 19 bunches, each of 7 strands.

## CONSTRUCTION

### Drawing Number

148/070/998

### Material

Cu (Copper)

### Lay Ratio of Stranded Conductor

Each bunch of 7 wires:

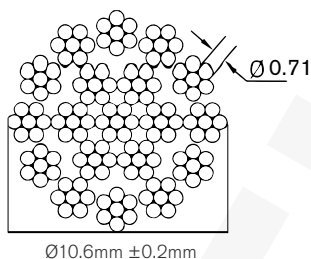
6 wire layer - left hand. 5 min. 7 max.

Conductor of 19 bunches:

6 wire layer - left hand. 7 min. 9 max

12 wire layer - right hand. 9 min. 11 max

## DIMENSIONS



## CABLE STANDARDS

IEC 60332-1



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.

ELAND PART NO.	NETWORK RAIL DRAWING NO.	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NO. OF SINGLE WIRES	CONSTRUCTION OF CONDUCTOR	NOMINAL DIAMETER OF SINGLE WIRE mm	MAXIMUM TENSILE STRENGTH N/mm <sup>2</sup>	NOMINAL OVERALL DIAMETER mm	WEIGHT OF CONDUCTOR kg/km
91/010271	148/070/998	54.14	133	7x19	0.71	300	10.6	490