


<b>4571200</b>	<b>DATA SHEET</b>	
<b>valid from: 06.06.2023</b>	<b>COPPER ROPE TINNED CLASS 2</b>	

### Application

COPPER ROPE TINNED CLASS 2 is suitable for earthing devices and potential equalisation on machine parts and EDP systems and also for the construction of meshed equipotential bonding systems.

### Design

Conductor multi-wire tinned copper conductor acc. IEC 60228 resp. EN 60228, Class 2  
Insulation no insulation

**Environmental information** These cables meet the substance-specific requirements of the EU Directive 2011/65/EU (RoHS).

**Note** Trade product, no Lapp product

**Table 1**

**Dimensional, mechanical and electrical characteristics**

<b>Copper Rope Tinned Class 2 – acc. to EN 60228</b>			
<b>Nominal cross section (mm<sup>2</sup>)</b>	<b>Minimum number of wires in the conductor</b>	<b>Outer diameter (mm)</b>	<b>Maximum resistance of conductor at 20°C (tinned wire)</b>
			<b>(Ω/km)</b>
<b>6</b>	7	3.1	3.11
<b>10</b>	7	4.1	1.84
<b>16</b>	7	5.1	1.16
<b>25</b>	7	6.4	0.734
<b>35</b>	7	7.5	0.529
<b>50</b>	19	8.9	0.391
<b>70</b>	19	11.0	0.270
<b>95</b>	19	13.0	0.195
<b>120</b>	37	14.2	0.154
<b>150</b>	37	15.8	0.126
<b>185</b>	37	17.5	0.100

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