


<b>4571212</b>	<b>DATA SHEET</b>	
<b>valid from: 06.06.2023</b>	<b>COPPER ROPE TINNED CLASS 5</b>	

## Application

COPPER ROPE TINNED CLASS 5 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 fine-wire tinned copper conductor acc. IEC 60228 resp. EN 60228, Class 5  
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 5 – acc. to EN 60228</b>			
<b>Nominal Cross section</b>	<b>Maximum diameter of wires in conductor</b>	<b>Outer diameter</b>	<b>Maximum resistance of tinned conductor at 20°C</b>
			<b>(Ω/km)</b>
<b>(mm<sup>2</sup>)</b>	<b>(mm)</b>	<b>(mm)</b>	
<b>6</b>	0.31	3.2	3.39
<b>10</b>	0.41	4.3	1.95
<b>16</b>	0.41	5.1	1.24
<b>25</b>	0.41	6.7	0.795
<b>35</b>	0.41	7.5	0.565
<b>50</b>	0.41	9.2	0.393
<b>70</b>	0.51	10.5	0.277
<b>95</b>	0.51	12.2	0.210
<b>120</b>	0.51	13.6	0.164
<b>150</b>	0.51	15.8	0.132
<b>185</b>	0.51	17	0.108

Creator: ALTE / PDC	Document: DB4571212EN	Page 1 of 1
Released: HESC / PDC	Version: 06	