

4571212	DATA SHEET	
valid from: 06.06.2023	COPPER ROPE TINNED CLASS 5	

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

Copper Rope Tinned Class 5 – acc. to EN 60228			
Nominal Cross section (mm ²)	Maximum diameter of wires in conductor (mm)	Outer diameter (mm)	Maximum resistance of tinned conductor at 20°C
			(Ω/km)
6	0.31	3.2	3.39
10	0.41	4.3	1.95
16	0.41	5.1	1.24
25	0.41	6.7	0.795
35	0.41	7.5	0.565
50	0.41	9.2	0.393
70	0.51	10.5	0.277
95	0.51	12.2	0.210
120	0.51	13.6	0.164
150	0.51	15.8	0.132
185	0.51	17	0.108

AbN
automation

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