4571212	DATA SHEET	LAPP
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	**Maximum diameter of wires in conductor**	**Outer diameter**	**Maximum resistance of tinned conductor at 20°C**
(mm²)	**(mm)**	**(mm)**	**(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

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