4571200	DATA SHEET	LAPP
valid from: 06.06.2023	COPPER ROPE TINNED CLASS 2	

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

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

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