


4571212	DATA SHEET	
valid from: 2021-10-20	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 (VDE 0295), 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 Class 5 – acc. to EN 60228			
Nominal cross section (mm ²)	Maximum wire diameter (mm)	Strand diameter (mm)	Maximum resistance (Ω/km)
			Tinned
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

Creator: PESA / PDC	Document: DB4571212EN	Page 1 of 1
Released: ALTE / PDC	Version: 05	