

45612000	DATA SHEET	
valid from: 27.10.2025	COPPER ROPE BARE CLASS 2	

Application

COPPER ROPE BARE CLASS 2 are 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 bare copper conductor acc. IEC 60228 resp. EN IEC 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 and electrical characteristics

Nominal cross section *	Outer diameter	Tolerance	Maximum resistance of conductor at 20°C (bare wire) acc. to IEC 60228 resp. EN IEC 60228
(mm ²)	(mm)	(mm)	(Ω/km)
6	3.18	+/- 0.3	3.08
10	4.14	+/- 0.3	1.83
16	5.10	+/- 0.4	1.15
25	6.30	+/- 0.4	0.727
35	7.50	+/- 0.4	0.524
50	8.70	+/- 0.5	0.387
70	10.50	+/- 0.5	0.268
95	12.50	+/- 0.5	0.193

* Cross section is reference value (for information only)

AbN
automation

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