

single core
flexible

Stranded wires

LiY

technical data: Copper conductor tinned, PVC insulation, produced in accordance with VDE 0812, largely oil-resistant, petrol-resistant.
Temperature range: - 10°C to 80°C, fixed installation - 40°C to 80°C

Number of Cu wires	Wire thickness in mm	Core cross-section	Wall thickness of the insulation in mm	Total Ø of the cable ±5%	Conductor resistance	max. operating voltage test voltage V _~	max. load capacity of ...	100 m weigh approx. ...
10	0.10	0.08 mm²	0.2	0.8 mm	236 Ω/km	100 / 800 V	0.5 A	130 g
18	0.10	0.14 mm²	0.3	1.1 mm	135 Ω/km	500 / 1200 V	1.5 A	250 g
14	0.15	0.25 mm²	0.3	1.3 mm	79 Ω/km	900 / 2500 V	3 A	400 g
16	0.20	0.50 mm²	0.4	1.8 mm	40 Ω/km	900 / 2500 V	5 A	750 g
24	0.20	0.75 mm²	0.4	2.0 mm	26 Ω/km	900 / 2500 V	9 A	1 kg
32	0.20	1.0 mm²	0.4	2.1 mm	20 Ω/km	900 / 2500 V	12 A	1.25 kg
30	0.25	1.5 mm²	0.5	2.6 mm	13 Ω/km	900 / 2500 V	16 A	1.8 kg

The voltage and current data pertain to VDE 0812 and to an ambient temperature of 20 °C (voltage) or 25 °C (current).

Cable configuration:

Tinned copper strand is insulated with coloured PVC. With two-tone strand, the 2nd colour is applied through ring printing. Exception: Colour 100, this is marked with yellow and green longitudinal stripes for use as a protective conductor.

Format: 100 m ring, boxed, short sample (20 cm) free of charge.