

Technical data

Colour sequence	Temperature range: -10°C to +70°C (installation and operation) -20°C to +70°C (transport and storage)	Cross-section
1st core wh 2nd core bn 3rd core gn 4th core ye 5th core gy 6th core pk 7th core bu 8th core rd 9th core bk 10th core vt 11th core wh-gn 12th core wh-ye 13th core wh-bu 14th core wh-bk 15th core wh-rd 16th core wh-bn 17th core bn-gn 18th core bn-ye 19th core bn-bu 20th core bn-bk 21st core gn-ye 22nd core gn-rd 23rd core gn-bk 24th core ye-rd	<p>Preferred application: Connection cables for electronic systems, control and regulation systems and the toy industry.</p> <p>Special features: Up to 50% space-saving and maximum mechanical flexibility compared to conventional cable looms.</p> <p>Construction data: Strand structure: 18 x 0.10 mm, tinned Core insulation: coloured PVC, second colour applied with abrasion-resistant longitudinal stripes. Diameter of the insulated cores = 1.1 mm. Core construction as per VDE 0812. No repetition of the core colours. Ribbon connection: the insulated cores are directly welded to each other and can be easily separated without damaging the insulation.</p> <p>Electrical and thermal properties at 20°C: Conductor resistance max. 135 Ω/km. Operating voltage max. 350 V. Test voltage 1,200 V. Current rating max. 1.5 A (ambient temperature up to 25°C).</p>	0.14 mm²
gn = green gy = grey	<p>Construction data: Strand structure: 14 x 0.15 mm, tinned Outer diameter: 1.3 mm; otherwise 0.14 mm²</p> <p>Electrical and thermal properties at 20°C: Conductor resistance max. 79 Ω/km Operating voltage max. 350 V. Test voltage 1,200 V. Current rating max. 3 A (ambient temperature up to 25°C).</p>	0.25 mm²
	<p>Construction data: Strand structure: 16 x 0.20 mm, tinned Outer diameter: 1.8 mm; otherwise 0.14 mm²</p> <p>Electrical and thermal properties at 20°C: Conductor resistance max. 40.1 Ω/km Operating voltage max. 350 V. Test voltage 2,000 V. Current rating max. 5 A (ambient temperature up to 25°C).</p>	0.50 mm²
	<p>Strand structure: 24 x 0.20 mm, tinned Outer diameter: 2.0 mm; otherwise 0.14 mm² or 0.5 mm² Conductor resistance max. 26 Ω/km. Current rating: max. 9 A. (ambient temperature to 25°C)</p>	0.75 mm²

* Items to be sold off

Net price including copper

100 m weighs approx. ... kg	Dimension of the ribbon approx. mm	Usually available ex-stock	Sample quantities under 100 metres Price for 1 m	in EUR per 100 m on collection upwards			Ordering information
				100 m	500 m	3000 m	
0.50	1.1 x 2.2	2 cores	0.75	48.00	36.00	24.00	2 x LiY 0.14 flat
0.75	1.1 x 3.3	3 cores	0.95	64.00	48.00	32.00	3 x LiY 0.14 flat
1.00	1.1 x 4.4	4 cores	1.10	72.00	54.00	36.00	4 x LiY 0.14 flat
1.50	1.1 x 6.6	6 cores	1.50	100.00	75.00	50.00	6 x LiY 0.14 flat
2.50	1.1 x 11.0	10 cores	2.20	144.00	108.00	72.00	10 x LiY 0.14 flat
3.00	1.1 x 13.2	12 cores	2.90	196.00	147.00	98.00	12 x LiY 0.14 flat
4.00	1.1 x 17.6	16 cores	1.30	88.00	66.00	—	16 x LiY 0.14 flat*
6.00	1.1 x 26.4	24 cores	1.80	122.00	92.00	—	24 x LiY 0.14 flat*
0.80	1.3 x 2.6	2 cores	0.85	56.00	42.00	28.00	2 x LiY 0.25 flat
1.20	1.3 x 3.9	3 cores	1.20	80.00	60.00	40.00	3 x LiY 0.25 flat
1.60	1.3 x 5.2	4 cores	1.40	92.00	69.00	46.00	4 x LiY 0.25 flat
2.40	1.3 x 7.8	6 cores	1.90	128.00	96.00	64.00	6 x LiY 0.25 flat
3.20	1.3 x 10.4	8 cores	2.30	152.00	114.00	76.00	8 x LiY 0.25 flat
4.00	1.3 x 13.0	10 cores	2.75	184.00	138.00	92.00	10 x LiY 0.25 flat
4.80	1.3 x 15.6	12 cores	3.35	224.00	168.00	112.00	12 x LiY 0.25 flat
6.40	1.3 x 20.8	16 cores	4.35	288.00	216.00	144.00	16 x LiY 0.25 flat
1.50	1.8 x 3.6	2 cores	1.10	72.00	54.00	36.00	2 x LiY 0.50 flat
2.25	1.8 x 5.4	3 cores	1.45	96.00	72.00	48.00	3 x LiY 0.50 flat
3.00	1.8 x 7.2	4 cores	1.80	120.00	90.00	60.00	4 x LiY 0.50 flat
4.50	1.8 x 10.8	6 cores	2.70	180.00	135.00	90.00	6 x LiY 0.50 flat
6.00	1.8 x 14.4	8 cores	3.60	244.00	183.00	122.00	8 x LiY 0.50 flat
7.50	1.8 x 18.0	10 cores	4.10	272.00	204.00	136.00	10 x LiY 0.50 flat
9.00	1.8 x 21.6	12 cores	2.40	—	—	—	12 x LiY 0.50 flat
12.00	1.8 x 28.8	16 cores	2.90	194.00	—	—	16 x LiY 0.50 flat
8.00	2.0 x 16.0	8 cores	4.60	304.00	228.00	152.00	8 x LiY 0.75 flat
10.00	2.0 x 20.0	10 cores	5.80	388.00	291.00	194.00	10 x LiY 0.75 flat