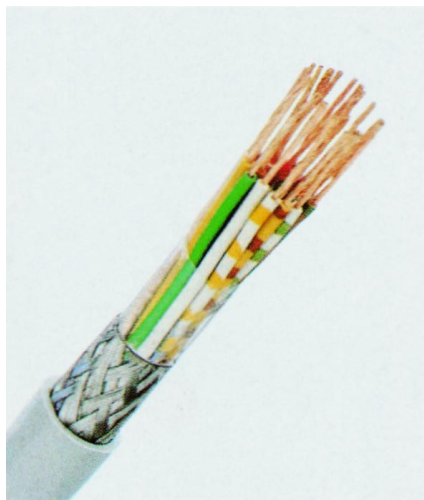


LiYCY paired

Paired Electronic Control Cable with Tinned Copper Braiding

adapted to DIN VDE 0812



Construction

Fine-stranded bare conductors, core insulation of PVC, cores are coloured and stranded to pairs and the pairs are stranded in layers, colour-coding according to DIN 47100, one layer of plastic foil, braid of tinned copper wires (with an optical coverage of ca. 80 %), PVC outer sheath, grey.

Application

To be installed in dry and humid rooms and used as a termination and connection cable in the control, measuring and signal technology.

Temperature range

In motion - 5°C till + 70°C

For fixed installation - 20°C till + 70°C

Electrical properties at 20°C

Insulation resistance	min.	100 MOhm x km
Capacity	max.	120 nF / km
Attenuation at 800 Hz	ca.	2,3 dB / km (0,14 mm ²)
	ca.	1,9 dB / km (0,25 mm ²)
	ca.	1,5 dB / km (0,34 mm ²)
	ca.	1,3 dB / km (0,50 mm ²)
	ca.	1,1 dB / km (0,75 mm ²)

Number of pairs and nominal cross section	Price	Copper figure	Conductor construction (approx. value)	Conductor loop resistance	Overall diameter ca.	Weight ca.
mm ²	EUR / km	kg / km	mm	Ohm/km	mm	kg / km
LiYCY paired 350 V						
2 x 2 x 0,14	1.122,90	24	18 x 0,10	276,0	5,0	44
3 x 2 x 0,14	1.267,04	27	18 x 0,10	276,0	5,6	53
4 x 2 x 0,14	1.546,31	41	18 x 0,10	276,0	6,1	60
5 x 2 x 0,14	1.784,87	46	18 x 0,10	276,0	6,5	80
6 x 2 x 0,14	1.984,79	54	18 x 0,10	276,0	7,2	85
7 x 2 x 0,14	2.025,32	57	18 x 0,10	276,0	7,8	92
8 x 2 x 0,14	2.244,52	59	18 x 0,10	276,0	8,3	115
10 x 2 x 0,14	2.768,44	68	18 x 0,10	276,0	9,0	130
12 x 2 x 0,14	3.131,26	82	18 x 0,10	276,0	9,4	160
14 x 2 x 0,14	3.696,90	88	18 x 0,10	276,0	10,0	180
16 x 2 x 0,14	4.018,09	97	18 x 0,10	276,0	10,6	220
2 x 2 x 0,25	1.293,95	28	14 x 0,16	151,0	6,8	55
3 x 2 x 0,25	1.587,61	44	14 x 0,16	151,0	6,9	68
4 x 2 x 0,25	1.827,55	57	14 x 0,16	151,0	7,5	77
5 x 2 x 0,25	2.570,24	63	14 x 0,16	151,0	7,9	80
6 x 2 x 0,25	2.735,97	68	14 x 0,16	151,0	8,6	100
8 x 2 x 0,25	3.253,54	86	14 x 0,16	151,0	9,3	118
10 x 2 x 0,25	3.725,02	115	14 x 0,16	151,0	11,4	165
2 x 2 x 0,34	1.528,65	45	19 x 0,16	115,0	6,6	52
3 x 2 x 0,34	1.807,24	54	19 x 0,16	115,0	7,2	73
4 x 2 x 0,34	2.085,74	67	19 x 0,16	115,0	8,0	90
2 x 2 x 0,5	1.555,90	52	16 x 0,21	75,6	8,0	87
3 x 2 x 0,5	1.845,03	67	16 x 0,21	75,6	9,0	109
4 x 2 x 0,5	2.195,94	83	16 x 0,21	75,6	10,1	139
5 x 2 x 0,5	2.600,40	100	16 x 0,21	75,6	11,3	164
6 x 2 x 0,5	3.008,89	112	16 x 0,21	75,6	12,1	197
8 x 2 x 0,5	4.841,24	132	16 x 0,21	75,6	13,2	207
12 x 2 x 0,5	6.265,35	196	16 x 0,21	75,6	15,1	306
2 x 2 x 0,75	2.337,76	68	24 x 0,21	50,6	8,6	106
3 x 2 x 0,75	2.756,87	85	24 x 0,21	50,6	9,5	140
4 x 2 x 0,75	3.286,36	124	24 x 0,21	50,6	10,8	179
6 x 2 x 0,75	4.343,80	145	24 x 0,21	50,6	12,5	246