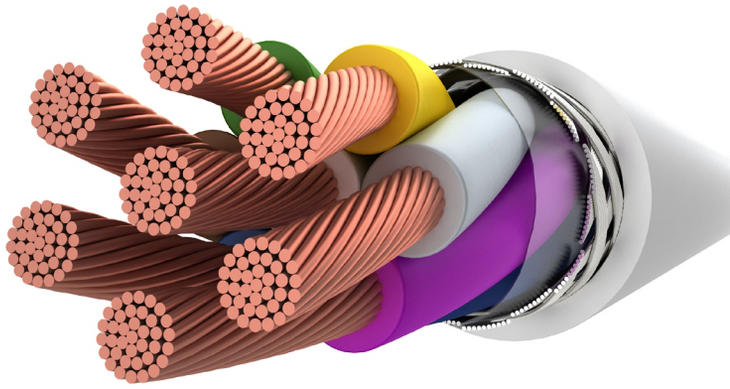
LiYCY



- Class 5 stranded multiwire copper conductor
- Coloured PVC insulation
- Earth wire (Tin coated copper)
- Polyester tape
- Braided tinned copper wire screen
- Grey PVC sheath

These cables are used indoors as data transmission cables in automation systems.

Conductor Cross Section (mm^2)	Conductor Resistance (Ω/km 20°C)	Insulation Resistance (M Ω/km 20°C)	Mutual Capacitance (nF/m)	Current Carrying Capacity (A)	Impedance (Ω)	Inductance (mH/km)	Operating Voltage (V DC)	Test Voltage V (DC. 1 minutes)
0.22	85	200	110	2.5	78	0.67	250	1200
0.50	39	20	120	9	78	0.67	300/500	2000
0.75	26	20	120	12	78	0.67	300/500	2000
1.00	19.5	20	130	15	78	0.67	300/500	2000
1.5	13.3	20	140	18	78	0.67	300/500	2000
2.5	7.98	20	150	26	78	0.67	300/500	2000
4.0	4.95	20	150	34	78	0.67	300/500	2000

Bending Radius (mm)	Operating Temperature	Flame Retardancy Test	Packing Lengths (m)
7.5xD	-30°C～+70°C	IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2	100/500/1000

LiYCY

Conductor Count	Conductor Cross Section (mm^2)	Approx Cable Diameter (mm)	Approx Weight (kg/km)
2	0.22	3.7	20
3	0.22	3.9	24
4	0.22	4.2	29
5	0.22	4.7	36
6	0.22	5.1	42
7	0.22	5.1	45
8	0.22	5.7	52
9	0.22	6	58
10	0.22	6.5	63
12	0.22	6.8	73
14	0.22	7.2	83
16	0.22	7.5	92
18	0.22	8	102
19	0.22	8	106
20	0.22	8.3	111
21	0.22	8.3	114
24	0.22	9.3	135
25	0.22	9.3	138
2	0.5	5.1	37
3	0.5	5.4	45
4	0.5	5.8	53
5	0.5	6.4	66
6	0.5	6.9	78
7	0.5	6.9	81
8	0.5	7.6	98
9	0.5	8.8	110
10	0.5	8.8	114
12	0.5	9.2	135
14	0.5	9.7	155
16	0.5	10.2	171
18	0.5	10.7	188
19	0.5	10.7	192
20	0.5	11.4	211
21	0.5	11.4	211
24	0.5	12.6	242
25	0.5	12.6	256
2	0.75	5.5	44
3	0.75	5.8	54
4	0.75	6.3	66
5	0.75	6.9	82
6	0.75	7.5	97
7	0.75	7.5	102
8	0.75	8.3	123
9	0.75	9.6	141
10	0.75	9.6	147

Conductor Count	Conductor Cross Section (mm^2)	Approx Cable Diameter (mm)	Approx Weight (kg/km)
12	0.75	10	171
14	0.75	10.6	192
16	0.75	11.1	214
18	0.75	11.8	244
19	0.75	11.8	248
20	0.75	12.6	276
21	0.75	12.6	278
24	0.75	13.8	318
25	0.75	13.8	333
2	1	5.9	50
3	1	6.2	63
4	1	6.6	76
5	1	7.5	97
6	1	8.2	119
7	1	8.2	126
8	1	9.1	151
9	1	10.5	168
10	1	10.5	174
12	1	10.9	202
14	1	11.6	231
16	1	12.2	258
18	1	12.9	298
19	1	12.9	304
20	1	13.6	329
21	1	13.6	331
24	1	15.1	379
25	1	15.1	401
2	1.5	6.6	65
3	1.5	7	83
4	1.5	7.7	105
5	1.5	8.5	131
6	1.5	9.2	158
7	1.5	9.2	168
8	1.5	10.1	198
9	1.5	11.8	223
10	1.5	11.8	234
12	1.5	12.3	273
14	1.5	13	317
16	1.5	13.7	355
18	1.5	14.4	400
19	1.5	14.4	410
20	1.5	15.3	447
21	1.5	15.3	451
24	1.5	17.1	521
25	1.5	17.1	551