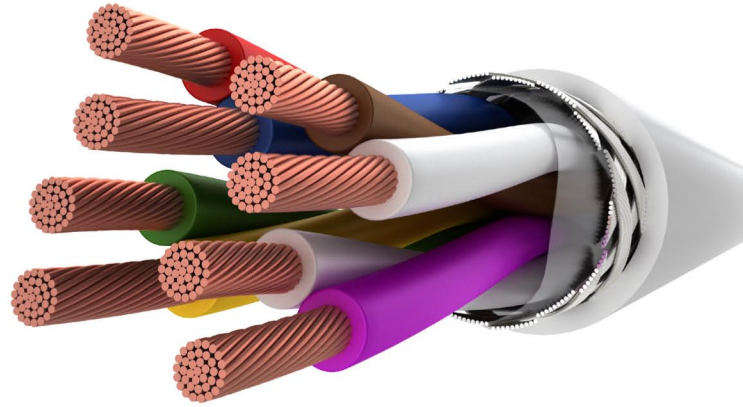


LiYCY-TP



- 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-TP

Pair Count	Conductor Cross Section (mm ²)	Approx Cable Diameter (mm)	Approx Weight (kg/km)
2	0.22	4.9	33
3	0.22	5.7	44
4	0.22	6.9	58
5	0.22	7.4	68
6	0.22	8.2	79
7	0.22	8.3	89
8	0.22	9	102
9	0.22	10.5	115
10	0.22	10.6	124
2	0.5	6.4	64
3	0.5	7.5	73
4	0.5	9.2	102
5	0.5	10.1	119
6	0.5	11	138
7	0.5	11.1	155
8	0.5	12.1	174
9	0.5	14.2	198
10	0.5	14.3	215
2	0.75	7	79
3	0.75	9	95
4	0.75	10.1	126
5	0.75	11	147
6	0.75	12.1	173
7	0.75	12.2	196
8	0.75	13.3	220
9	0.75	15.6	251
10	0.75	15.7	274
2	1	7.6	92
3	1	9.7	112
4	1	10.9	146
5	1	12	174
6	1	13.2	206
7	1	13.3	234
8	1	14.5	263
9	1	17.1	303
10	1	17.2	333
2	1.5	8.4	120
3	1.5	10.9	150
4	1.5	12.2	192
5	1.5	13.4	232
6	1.5	14.8	275
7	1.5	14.9	312
8	1.5	16.3	357
9	1.5	19.3	406
10	1.5	19.4	445