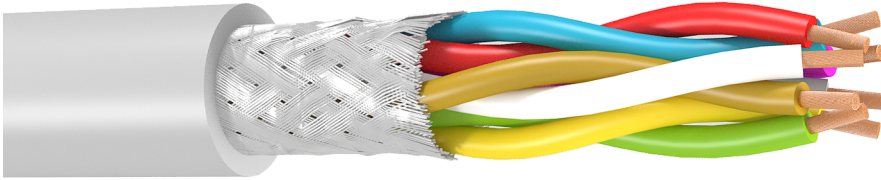


# LIYCY-TP

Copper Braided Screen Cable  
Suitable for EMC-sensitive Applications

**DELTA**  
C A B L E



## Application

This cable is suitable to be used as control and signal cable in the electronics and measurement equipments. The pair twisting of the cores ensuring the exact data transmission, the braided copper wire screen protects the cables against electromagnetic disturbance and outside interference.

## Construction

- Stranded bare copper conductor, fine wire
- Strand structure as per IEC-60228, class 5
- PVC Insulated
- Core Identification : colour coded
- Two cores twisted in pair, pairs stranded in layers
- Film wrapping
- Tinned copper braided screening, approx. **85%** coverage
- PVC outer sheath
- Sheath colour : grey

## Electrical and Technical Data

- Working voltage  $U_0/U$ : 300/500V
- Test voltage : 1000VAC/ 1 min
- Insulation resistance :  $\geq 20 \text{ M}\Omega \times \text{Km}$
- Min. Bending radius : approx. 15 x cable diameter
- Temperature range : -50°C to +70°C (Moved)  
: -30°C to +70°C (Unmoved)
- Flame retardancy : IEC-60332-1

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Cross Section (mm <sup>2</sup> )	Outer Diameter Approx (mm)	Cable Weight Approx (kg/km)
2 x 2 x 0.25	7.6	68
3 x 2 x 0.25	8.3	83
4 x 2 x 0.25	9.3	104
6 x 2 x 0.25	11	142
8 x 2 x 0.25	11.4	163
10 x 2 x 0.25	12.6	197
12 x 2 x 0.25	13.8	238
16 x 2 x 0.25	15.6	299
24 x 2 x 0.25	18.8	426
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2 x 2 x 0.34	7.9	74
3 x 2 x 0.34	8.7	93
4 x 2 x 0.34	9.7	114
6 x 2 x 0.34	11.5	158
8 x 2 x 0.34	12.2	192
10 x 2 x 0.34	13.6	239
12 x 2 x 0.34	14.5	270
16 x 2 x 0.34	16.7	353
24 x 2 x 0.34	20	499
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2 x 2 x 0.5	8.6	99
3 x 2 x 0.5	9.1	116
4 x 2 x 0.5	9.9	137
6 x 2 x 0.5	11.9	195
8 x 2 x 0.5	12.8	233
10 x 2 x 0.5	15	302
12 x 2 x 0.5	15.6	332
16 x 2 x 0.5	17.5	425
24 x 2 x 0.5	22.3	639

Cross Section (mm <sup>2</sup> )	Outer Diameter Approx (mm)	Cable Weight Approx (kg/km)
2 x 2 x 0.75	9.5	118
3 x 2 x 0.75	10.1	146
4 x 2 x 0.75	10.8	170
6 x 2 x 0.75	13	238
8 x 2 x 0.75	14.1	298
10 x 2 x 0.75	16.9	377
12 x 2 x 0.75	17.1	420
16 x 2 x 0.75	29	528
24 x 2 x 0.75	24.5	791
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2 x 2 x 1	10.3	130
3 x 2 x 1	11.2	173
4 x 2 x 1	11.8	204
6 x 2 x 1	14.3	292
8 x 2 x 1	15.2	355
10 x 2 x 1	18.6	457
12 x 2 x 1	19.6	505
16 x 2 x 1	20.7	640
24 x 2 x 1	27	975
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2 x 2 x 1.5	12	182
3 x 2 x 1.5	13.5	240
4 x 2 x 1.5	14.1	289
6 x 2 x 1.5	16.8	405
8 x 2 x 1.5	18.2	498
10 x 2 x 1.5	22	658
12 x 2 x 1.5	22.5	735
16 x 2 x 1.5	25.3	950
24 x 2 x 1.5	32.3	1429