DELTA CABLE

LIYCY-TP

Copper Braided Screen Cable

Suitable for EMC-sensitive Applications

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 : different colours acc. to DN 47100
- 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 & Technical Data

Working voltage Uo/U	: 300/500 V
Test Voltage	: 1000 VAC/1 min
Insulation Resistant	: ≥ 20 MΩ x 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 (mm²)	Outer Diameter Approx (mm)	Cable Weight Approx (kg/m)
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
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
2 x 2 x 0.5	8.6	89
3 x 2 x 0.5	9.7	116
4 x 2 x 0.5	10.9	147
6 x 2 x 0.5	12.8	200
8 x 2 x 0.5	13.6	247
10 x 2 x 0.5	15	298
12 x 2 x 0.5	16.1	341
16 x 2 x 0.5	18.5	445
24 x 2 x 0.5	22.3	639

Cross Section (mm²)	Outer Diameter Approx (mm)	Cable Weight Approx (kg/m)
2 x 2 x 0.75	9.5	110
3 x 2 x 0.75	10.7	146
4 x 2 x 0.75	12.1	186
5 x 2 x 0.75	13	213
6 x 2 x 0.75	14.1	255
8 x 2 x 0.75	14.9	310
12 x 2 x 0.75	18	445
16 x 2 x 0.75	20.3	563
24 x 2 x 0.75	24.5	812
2 x 2 x 1	10.3	130
3 x 2 x 1	11.6	173
4 x 2 x 1	12.9	214
5 x 2 x 1	14.3	265
8 x 2 x 1	16.1	369
10 x 2 x 1	18	457
12 x 2 x 1	19.6	539
16 x 2 x 1	22.3	693
24 x 2 x 1	27	1016
2 x 2 x 1.5	12.4	182
3 x 2 x 1.5	14	248
4 x 2 x 1.5	15.6	309
5 x 2 x 1.5	17.2	372
8 x 2 x 1.5	19.6	534
10 x 2 x 1.5	21.6	646
12 x 2 x 1.5	23.6	767
16 x 2 x 1.5	27.1	1011
24 x 2 x 1.5	32.3	1429