



Applications

Li2YCY-TP with tinned copper braiding protect against electromagnetic interference and signal distortion. They are mainly used in computer and voice systems, electronic control equipment, industrial data applications. Their flexible and thin structure makes them ideal for applications in narrow areas.

Cable Construction

- Plain copper conductor
- 7-wires strands to DIN VDE 0881, Suitable for Termi-Point and solder-free connection technique
- PE core insulation type 2Y11 to DIN VDE 0207 part 2
- Color coded to DIN 47100 with color repetition
- Cores twisted into layers
- Plastic foil separator
- 85% tinned copper braid
- PVC outer jacket type YM2 grey to DIN VDE 0207 part 5

Technical Characteristics

- Working voltage: 250 volts
- Test voltage: Conductor to conductor 2000 V
Conductor to shield 1000 V
- Minimum bending radius: $7.5 \times \varnothing$
- Flexing temperature: -5°C to $+70^{\circ}\text{C}$
- Static temperature: -30°C to $+80^{\circ}\text{C}$
- Flame retardant: IEC 60332.1-2
- Insulation resistance: $5\text{G}\Omega \times \text{km}$
- Impedance: $100 \Omega + 15\Omega$
- Mutual capacitance at 800 Hz: max. 60 nF/km
- Loop resistance: max. 160 Ohm/km
- Inductance: approx. 0.66 mH/km
- Cross-Talk Attenuation: Up 1 MHz min. 50 dB / Up 10 MHz min. 40 dB

Standards:

CE Low Voltage Directive 73/23/EEC and 93/68/EEC

Cable Parameter

AWG	NO. OF CORES X NOMINAL CROSS SECTIONAL AREA # X MM ²	NOMINAL OVERALL DIAMETER MM	COPPER WEIGHT KG / KM	CABLE WEIGHT KG / KM
24(7/32)	2 x 2 x 0.22	7.3	31.0	95
24(7/32)	3 x 2 x 0.22	7.5	34.0	105
24(7/32)	4 x 2 x 0.22	9.3	45.0	140
24(7/32)	8 x 2 x 0.22	13.5	97.0	245
24(7/32)	10 x 2 x 0.22	14.0	108.0	325

22(7/30)	2 x 2 x 0.34	9.5	62.0	125
22(7/30)	3 x 2 x 0.34	10.0	78.2	140
22(7/30)	4 x 2 x 0.34	12.0	124.1	205
22(7/30)	8 x 2 x 0.34	17.0	178.7	330
22(7/30)	10 x 2 x 0.34	17.2	213.9	420
20(7/28)	2 x 2 x 0.50	10.1	73.1	139
20(7/28)	3 x 2 x 0.50	11.0	88.1	157
20(7/28)	4 x 2 x 0.50	12.4	137.2	213
20(7/28)	8 x 2 x 0.50	16.0	247.2	385
20(7/28)	10 x 2 x 0.50	17.6	288.7	433

Other dimensions and colours are possible on request.