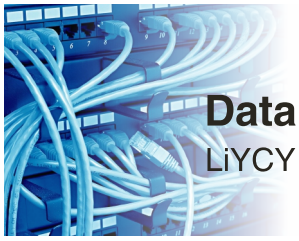
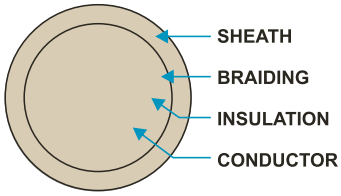


Data Cables

LiYCY - (TP) Cable PVC, Shielded



Application

- Data transmission cables used in control and signal lines and in electronics for computer systems, electronic control and regulation, office machinery where cables of robust construction and relatively small outer diameter are required
- The overall screening protects against external electrical influences and ensures precise transmission
- LiYCY (TP) is a data transmission cable with particularly efficient screening against electro magnetic interference
- The pair-twisted conductors in this Miracle LiYCY reduce electrical cross-talk between adjacent pairs and this offers protection against capacitive influences by external electrical fields, which are for example caused by parallel running power cables

Construction

- Standards : VDE 0812 and VDE 0814 PVC cables.
- Conductor : Flexible in stranded bare copper according to VDE 0295/CL.5 and IEC 288/CL.5.
- Insulation : PVC. Y12 acc. to DIN VDE 0207 part 4
- Core colour sequence : DIN 47100
- Laying up : Cores twisted into pairs - pairs twisted into layers.
- Braiding : ATC braided
- Sheath : PVC Grey according to RAL 7001 or RAL 7032 on other colours
- Outer jacket colour : Grey sim. RAL 7001

Properties

- Minimum bending radius: Fixed : 6 x cable diameter, flexing : 15 x cable diameter
- Mutual capacitance : C/C approx 120 nF / km, C/S approx 160 nF/ km
- Inductance : Approx 0.65 mH/km

Technical Parameter

- Nominal voltage : 250V
- Test voltage : 26 AWG: 1200V , >26 AWG: 1500V
- Temperature range : Static -20°C to +80°C, flexing -5°C to +70°C

ERTL RoHS CE

Dimension

Part Code	No. of pairs n x 2 x mm²	Outer Diameter mm	Cable Wt. kg/km
0904B020005	2 x 0.50	8.6	93
0904B030005	3 x 0.50	8.7	129
0904B040005	4 x 0.50	9.4	146
0904B060005	6 x 0.50	11.1	198
0904B080005	8 x 0.50	13.1	259
0904B120005	12 x 0.50	14.9	354
0904B160005	16 x 0.50	16.5	459
0904B020010	2 x 1.00	10.3	142
0904B030010	3 x 1.00	10.4	173
0904B040010	4 x 1.00	11.3	212
0904B050010	5 x 1.00	11.8	266

Note : Current Rating and Conductor Resistance see "Appendix-09"