Technical data sheet

PVC electronic cables · shielded · twisted pair

ELECTRONIC LiY(C)Y TP



| Identification | |
|---|--|
| Туре | LiY(C)Y TP (6×2×0,5) |
| Part No. | 1106601 |
| Product version | |
| Datasheet version | 00 |
| Use/Application/Properties | |
| Application | For trouble-free transmission in all areas of electronics, measuring, monitoring and regulation technology In low voltage switchgear, communications engineering In dry and damp rooms For flexible application for free movement and without tensile loading |
| Properties | PVC Flame-retardant, self-extinguishing Very good shielding attenuation Largely resistant to oils, greases, acids and bases Silicone free RoHS compliant |
| Construction | |
| Description Number of conductors/cross-section Number of conductors Cross-section, metric Jacket material Jacket color Outer Ø Surface Weight Cu Index | ELECTRONIC LiY(C)Y TP (6×2×0.5) 12 0.5 mm ² Special PVC grey RAL 7032 11.1 mm adhesion-free, matt 16.2 kg/100 m 12 kg/100 m |
| Construction Element 1 | |
| Element construction Conductor | (6×2×0.5) CU-wire bare |

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| Conductor category | IEC 60228, Class 5 Finely stranded DIN VDE 0295 Class 5 |
|-----------------------------------|---|
| Conductor marking | Color coded |
| Conductor marking standard | DIN 47100 |
| Conductor insulation | Special PVC |
| Overall construction | |
| Overall stranding | stranded pairs |
| Overall wrapping | Foil taping |
| Overall shield | Braid shield tinned copper wires optical cover approx. 80 % |
| Jacket characteristics | Flame-retardant self-extinguishing Oil resistant grease-resistant acid-resistant alkali-resistant Silicone-free |
| Technical data | |
| Rated voltage | 500 V |
| Test voltage type | AC 2000 V |
| Temperature range moving | -5 °C +70 °C |
| Temperature range fixed | -30 °C +70 °C |
| Minimum bending radius moving | 15×cable OD |
| Minimum bending radius fixed | 6×cable OD |
| Technical Data Element 1 | |
| Element construction | (6×2×0.5) |
| Insulation resistance at 20 °C | ≥20 MΩ×km |
| Operating capacitance wire-wire | approx.120 pF/m |
| Operating capacitance wire-shield | approx.160 pF/m |
| Approvals/Standards | |
| Conformity | CE RoHS REACH |
| Burning behavior according to | IEC 60332-1 DIN EN 60332-1-2 VDE 0482 322-1-2 |
| General | |
| Note | CE These products are in conformity with the EU Low Voltage Directive 2014/ 35/EU |
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