



Data transmission cable with colour code acc. to DIN 47100

Space-saving installation due to small cable diameters; Multifunctional application possibilities; Depending on the quantity, the outer sheath can also be produced in other colours to match your application needs

- The classic for multi-functional use



Product description

Application range

- UNITRONIC® LiYY is also used as a control and signal cable in electronics of computer systems, electronic control equipment, office machines, balances, etc.
- Dry or damp rooms
- Occasional flexing

Benefits

- Space-saving installation due to small cable diameters
- Multifunctional application possibilities
- Depending on the quantity, the outer sheath can also be produced in other colours to match your application needs

Product Make-up

- Fine-wire/multi-wire (0.34 mm²) strand made of bare copper wires
- Core insulation made of PVC
- Outer sheath made of PVC
Outer sheath colour: pebble grey (RAL 7032)

Norm references / Approvals

- Based on VDE 0812

Product features

- Despite the large number of cores, LiYY data cables have small outer diameters
- Flame-retardant according IEC 60332-1-2

Technical Data

| | |
|--------------------------|--|
| Core identification code | DIN 47100 without colour repetition, refer to Appendix T9 |
| Mutual capacitance | Approx. 120 nF/km |
| Peak operating voltage | (not for power applications) at 0.14 mm ² : 350 V at ? 0.25 mm ² : 500 V |
| Classification | ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable |
| Inductivity | approx. 0.65 mH/km |
| Conductor stranding | Stranded, fine-wire 0.34 mm ² : 7-wire |
| Minimum bending radius | Occasional flexing: 10 x outer diameter Fixed installation: 4 x outer diameter |
| Test voltage | At 0.14 mm ² : 1200 V ? 0.25 mm ² : 1500 V |
| Temperature range | Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C |