



## Highly flexible data transmission cable with PVC outer sheath for power chain use

Well-proven and reliable; Optimized cable construction for power chain use; Cost-effective solution



## Product description

### Application range

- Automated production processes require data transmission cables that offer high flexibility and durability
- Suitable for use in measuring, control and regulating circuits
- Assembly lines, production lines, in all kinds of machines

### Benefits

- Well-proven and reliable
- Optimized cable construction for power chain use
- Cost-effective solution

### Product Make-up

- Extra-fine wire strand made of bare copper wires
- Core insulation made of PVC

- Non-woven wrapping
- Outer sheath made of PVC  
Outer sheath colour: grey (RAL 7001)

## Norm references / Approvals

- Based on VDE 0812
- For travel distances up to 10 m.
- For use in power chains: Please comply with the assembly guidelines listed in Appendix T3

## Product features

- Low-adhesive surface
- Flame-retardant according IEC 60332-1-2
- Designed for 2 up to 8 million bending/unbending cycles in power chain applications

## Technical Data

|                          |  |
|--------------------------|--|
| Core identification code | DIN 47100, refer to Appendix T9  |
| Mutual capacitance       | C/C: approx. 100 nF/km   |
| Peak operating voltage   | (not for power applications)<br>350 V                                    |
| Classification           | ETIM 5.0 Class-ID: EC000104<br>ETIM 5.0 Class-Description: Control cable |
| Inductivity              | approx. 0.65 mH/km   |
| Conductor stranding      | Stranded, extra-fine wire  |
| Minimum bending radius   | Flexing: 5 x outer diameter<br>Fixed installation: 3 x outer diameter    |
| Test voltage             | 1500 V   |
| Temperature range        | Flexing: -5°C to +70°C<br>Fixed installation: -40°C to +80°C             |