

PROFIBUS PVC

FOR FLEXIBLE AND FIXED INSTALLATION

Construction

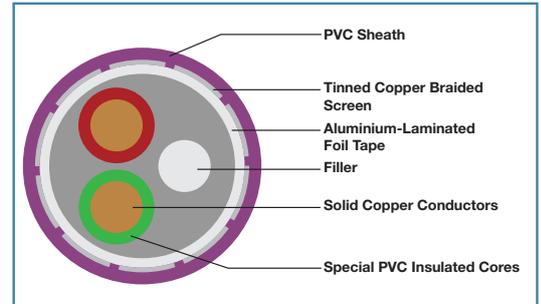
Flame retardant and self-extinguishing. Largely resistant to grease, coolant fluids and lubricants, resistant to oil. Optimal cost-value ratio. Conforms to RoHS.

Applications

PVC - Shielded field bus cable for Profibus Systems. For flexible and fixed installations.

Packaging

Available in 500 metre drums.
Cut lengths available on request.



Specification

| | |
|----------------------------|--|
| Voltage | Rated: 0.64 - 240 V / 1mm ² - 500 V Testing: Core/Core - 1.200 V / Core/Shield - 750 V |
| Capacity | 0.64 pairs: max. 30 nF/km |
| Operating Temperature | Fixed: -30°C to +80°C Moved: -5°C to +70°C |
| Minimum Bending Radius | Fixed: 10 x d Moved: 15 x d |
| Protection Against Contact | Aluminium-Laminated foil tape, single layer, overlap |
| Conductor Material | 2458: Solid bare copper / 2460: Bare stranded copper |
| Conductor Class | 2458: 0.64mm single wire / 2460: Copper strand 7/19 wired |
| Core Insulation | 0.64: O2Y, foamed PE / 1mm ² : 2Y, PE |
| Core Identification | 2458-PVC: GN, RD 2460-PVC-Hybride: GN, RD, BK, BU, GNYE |
| Shield | Copper braid, tinned |
| Resistance | Loop: Max. 115 Ω/km Insulation: on +20°C ≥ 20 MΩ x km |
| Sheath Colour | Violet |
| Outer Sheath | PVC |
| Characteristic Impedance | 0.64 pairs: 150 +/- 15 Ω |
| Transfer Rate | 0.64 pairs: 1.500 kBits/s |
| Transfer Size | 0.64 pairs: 200 m |
| Burning Behaviour | Flame-retardant, self-extinguishing |
| Standard | DIN VDE 0207, 0250, 0293, 0295, 0472, 0482, IEC |

* Steel Wire Armoured option available on request.

