



Suitable for outdoor use and direct burial, UV-resistant

Fast Connect (FC) cable design; Rugged, UV-resistant and weatherproof; Cables can be used for PROFIBUS-DP as well as PROFIBUS-FMS and FIP



Product description

Application range

- PROFIBUS DP (in accordance with DIN 19245 and EN 50170, e.g. for SIEMENS SIMATIC® NET, also suitable for FIP - Factory Instrumentation Protocol).

Benefits

- Fast Connect (FC) cable design
- Rugged, UV-resistant and weatherproof
- Cables can be used for PROFIBUS-DP as well as PROFIBUS-FMS and FIP

Product Make-up

- Solid and bare copper conductor
- Foam Skin - core isolation (O2YS)

- Overall screening with copper braid and plastic-laminated aluminium foil
- Tin-plated copper wire braiding
- PVC outer sheath, violet, OD 8 mm
- PE outer sheath, black, OD 10.8 mm

Product features

- Second PE outer sheath

Technical Data

Mutual capacitance	(800 Hz): max. 30 nF/km
Peak operating voltage	(not for power applications) 100 V
Minimum bending radius	Fixed installation: 3.5 x cable diameter once Fixed installation: 7.5 x cable diameter
Test voltage	3600 V DC (3 sec.)
Temperature range	-40 °C to +60 °C
Characteristic impedance	150 ± 15 Ohm