



Suitable for outdoor use, UV-resistant

UV and weather-resistant in black; 7-W: 7-wire, e.g. for applications where vibrations occur; Fast Connect (FC) cable design; 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

- UV and weather-resistant in black
- 7-W: 7-wire, e.g. for applications where vibrations occur
- Fast Connect (FC) cable design
- Cables can be used for PROFIBUS-DP as well as PROFIBUS-FMS and FIP

Product Make-up

- Stranded conductor, 7-wire, bare

- Foam Skin - core isolation (O2YS)
- Overall screening with copper braid and plastic-laminated aluminium foil
- Tin-plated copper wire braiding
- PVC outer sheath, black

Product features

- PVC compound TM2 acc. to EN 50363-4-1
- Resistant to acids, alkalis and certain oils at room temperature

Technical Data

Mutual capacitance	(800 Hz): max. 30 nF/km
Peak operating voltage	(not for power applications) 250 V
Minimum bending radius	Fixed installation: 8 x outer diameter Flexing: 15 x outer diameter
Test voltage	Core/core: 1500 V rms Core/screen: 1500 V
Temperature range	Flexing: -10°C to +70°C Fixed installation: -40°C to +80°C
Characteristic impedance	150 ± 15 Ohm