



Fixed installation

A standard PROFIBUS cable can only be used up to a max. temperature of 80°C; This enables an extended area of application



Product description

Application range

- Cable has been designed for use in factory halls where temperatures up to max. 105°C may occur.

Benefits

- A standard PROFIBUS cable can only be used up to a max. temperature of 80°C
- This enables an extended area of application

Product Make-up

- Stranded conductor, 7-wire, bare
- Core insulation: PP
- Overall screening with copper braid and plastic-laminated aluminium foil
- Tin-plated copper wire braiding

- PVC outer sheath for use up to 105°C

Product features

- Flame-retardant according IEC 60332-1-2
- Oil-resistant

Technical Data

Mutual capacitance	Approx. 28.5 nF/km
Peak operating voltage	max. 100 V (not for power applications)
Minimum bending radius	Fixed installation: 45 mm once Flexing: 65 mm
Test voltage	Core/core: 1500 V rms Core/screen: 1500 V
Temperature range	-30°C to +105°C
Characteristic impedance	(3 - 20 MHz): 150 ± 15 Ohm