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Modern Life
Possible

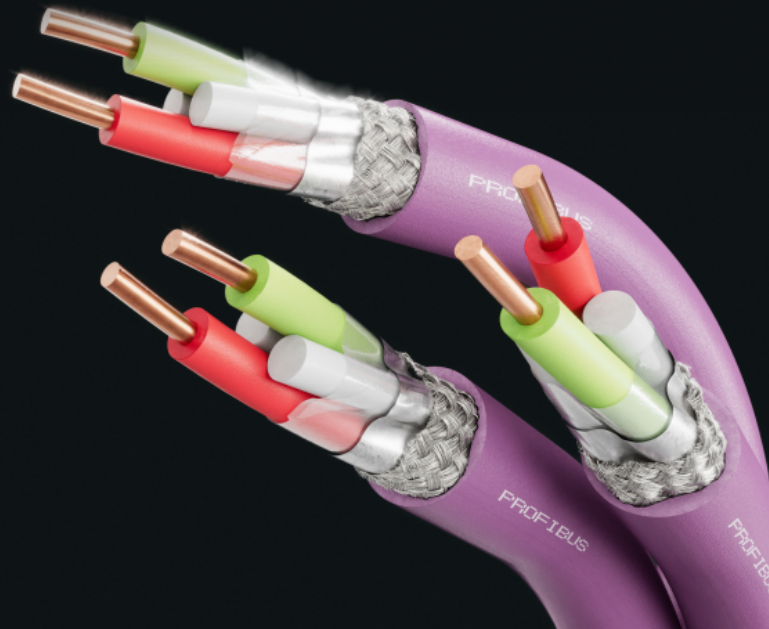


PROFIBUS

Profibus cable

CONTROL AND ELECTRONICS CABLES

Connecting cable in machine controls, e.g. as a connecting cable between bus segments.



TECHNICAL DATA



Standard
EN 50170



Test Voltage
1.5 kV



Rated Voltage
max. 250 V



Bending radius (min.)
75 mm



Fire properties
CPR classification: Eca



Core identification
red, green



Temperature range
Laying temperature: min. -10°C
Operating temperature: -30°C up to 80°C

DESIGN



Electrical parameters

Conductor diameter	mm	0.64
Conductor resistance, max. at 20 °C	Ω/km	133
Insulation resistance, min. at 20 °C	MΩ/km	1000
Mutual capacitance (approx. value), at 800 Hz	nF/km	30
Characteristic impedance at 0,56/0,80 MHz, max. (+/- 10%)	Ω	150

Number of pairs x nominal diameter

Outer diameter appr. (mm)

Total weight appr. (kg/km)

Standard lengths/packing (m)

1 x 2 x 0.64

7.9

57

1000Sp

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