



We Make Modern
Life Possible

CONTROL AND ELECTRONIC CABLES

PROFIBUS

Profibus cable



TECHNICAL DATA



Standard
EN 50170



Test Voltage
1.5 kV



Rated Voltage
max. 250 V



Bending radius (min.)
10 x Ø des Kabels



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



PARAMETERS

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

CONTACT PERSON

Dogan Özcan, MSc
Head of Technical Department
+43 (0) 1 70170-154
dogan.oezcan@skw.at

