



ARCOCAVI

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Technical Data

**ARCO BUS-CABLES - PROFIBUS
FLEXIBLE SHIELDED PAIRED CABLES PE-PUR
FOR PROCESS FIELD BUS - 135 - 165 OHM**

Application

Extra-flexible paired cable used for Process Field Bus Systems for transfer of relevant data blocks for power chains.
Highly flexible application (frequently moving apparatus)

Type of cable

Type	Formation x mm ²
PB/0,64-FF	1 x 2 x 0,64 Ø

Constructional characteristics

Conductor stranding:

extra-flexible class 6 acc.Standards
VDE 0295 - IEC 228 - CEI 20-29
0,64 Ømm = 19 x 0,16 mm

Primary insulation: PE compound

Cores identification: red + green

Taping: special plastic film

Shield: tinned copper braid on total-covering abt. 85%

Jacket: PUR compound
colour petrol RAL 5018

Techinal characteristics and ratings

Service voltage: 250 V

Test voltage: 1500 V

Conductor resistance: max. 133 Ohm/km (loop)

Insulation resistance: min. 1 Gohm x km (at 20°C)

Mutual capacitance: abt. 30 pF/m (800 Hz)

Charact. impedance: 135 - 165 Ohm

Temperature: service
storage

Min. bending radius: 65 mm

Flame resistance:VDE 0472-804 B - IEC 332.1 - CEI 20-35

Halogen-free (option.): acc. VDE 0472-815 Standards

Standard Reference: DIN 19 245 - EN 50 170