



ARCOCAVI

Per informazioni commerciali rivolgersi a:
ARCOCAVI S.r.l.
via al Peslago, 36
22048 - Oggiono (LC)
Tel. +39 0341 576519
Fax +39 0341 579498
Email info@arcocavi.com

Technical Data

**ARCO BUS-CABLES - PROFIBUS
FLEXIBLE SHIELDED PAIRED CABLES PE-PVC
FOR PROCESS FIELD BUS - 100 - 120 OHM**

Application

Paired cable used for Process Field Bus Systems
for transfer of relevant data blocks
For stationary application

Type of cable

Type	Formation x mm ²
PB-F	1 x 2 x 0,22
PB-F	2 x 2 x 0,22

Constructional characteristics

Conductor stranding:

flexible class 5 acc. Standards
VDE 0295-IEC 228-CEI 20-29

Primary insulation: PE compound

Cores identification: colours according DIN 47100

Taping: special plastic film

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

Jacket: special PV compound
colour violet RAL 4001

Technical characteristics and ratings

Service voltage: 250 V

Test voltage: 1500 V

Conductor resistance: max. 186 ohm/km (loop)

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

Mutual capacitance: abt. 60 pF/m (800 Hz)

Charact. impedance: 100 - 120 ohm

Temperature: service
storage

Min. bending radius: 8 x external cable diameter

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

Standard Reference:

DIN 19 245 - EN 50 170

acc. VDE 0472-815 Standards