



ARCOCAVI

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Technical Data

ARCO BUS-CABLES **CAN - BUS**
FLEXIBLE SHIELDED PAIRED CABLES
PE - PUR
CONTROLLER AREA NETWORK

Application

Paired cable for industrial and application technology
For power chains
Highly flexible application (frequently moving apparatus)

Constructional characteristics

Conductor stranding: extra-flexible class 6 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: PUR compound colour violet RAL 4001

Type of cable

Type	Formation x mm ²
CB-FF	1 x 2 x 0,25
CB-FF	2 x 2 x 0,25
CB-FF	1 x 2 x 0,34
CB-FF	2 x 2 x 0,34
CB-FF	1 x 2 x 0,5
CB-FF	2 x 2 x 0,5

Techinal characteristics and ratings

Service voltage: 250 V
Test voltage: 1500 V
Insulation resistance: min. 1 Gohm x km (at 20°C)
Mutual capacitance: abt. 60 nF/km (800 Hz)
Charact. impedance: 100 - 120 Ohm
Temperature: service storage
Min. bending radius: 15 x external cable diameter
Flame resistance: VDE 0472-804 B - IEC 332.1 - CEI 20-35
Halogen-free: acc. VDE 0472-815 Standards