



ARCOCAVI

Technical Data

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**ARCO BUS-CABLES - W - O.R.
EXTRA-FLEXIBLE SHIELDED PAIRED
CABLES
PE - PUR**

Application

Extra-flexible paired cable used for Bus systems and serial interconnections
Extra-flexible paired cable for automation technology

Constructional characteristics

Conductor stranding: extra-flexible class 6 acc. Standards VDE 0295 - IEC 228 - CEI 20-29
Insulation: Polyethylene PE
Cores identification: colours according DIN 47100
Taping: special plastic film
Shield: tinned copper braid on total -covering abt. 85% -
Jacket: PUR compound - oil resistant colour violet RAL 4001

Type of cable

	Code	Formation x mm²
INTERBUS	RB-FF	3 x 2 x 0,25
	RBI-FF	3 x 2 x 0,25 + 3 x 1
PROFIBUS	PB1/0,25-FF	1 x 2 x 0,25
	PB2/0,25-FF	2 x 2 x 0,25

Techinal characteristics and ratings

Service voltage: 250 V
Test voltage: 1500 V
Conductor resistance: max. 110 ohm/km (loop)
Insulation resistance: min. 100 Mohm x km (at 20°C)
Mutual capacitance: abt. 60 pF/m (800 Hz)
Charact. impedance: 100 - 120 Ohm
Temperature: service from -10°C to +80°C
storage from -30°C to +70°C
Min. bending radius: 105 x external cable diameter
Flame resistance: VDE 0472-804 B - IEC 332.1 - CEI 20-35
Halogen-Free: VDE 0472 - 815 standards