



ARCOCAVI

Technical Data

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**ARCO - EXTRAFLEX 33 - 34 PVC - PVC
EXTRA-FLEXIBLE CABLES FOR DATA
TRANSMISSION - UNSHIELDED (33)
AND EMC SHIELDED (34) PVC JACKET**

Application

Data transmission
Dynamic applications

Type of cable

Conductors sections:
mm² 0,14 - 0,25 - 0,34

Number of conductors: from 2 up to 50.

Constructional characteristics

Conductor stranding:

extra-flexible class 6 acc. Standards
VDE 0295 - IEC 228 - CEI 20-29

Primary insulation: special PVC compound

Cores identification:

colour code acc. DIN 47100

other identification on request

EMC shield (type 34): tinned copper braid on total
- covering \geq 85%

Taping: special tape

Jacket: special PVC compound - colour grey RAL
7001

Technical characteristics and ratings

Service voltage: 300 V

Test voltage: 1500 V

Insulation resistance: \geq 20 Mohm x km (at 20°C)

Capacitance: type 33 abt. 85 nF/km
type 34 abt. 130 nF/km

Temperature: service from -10°C to +70°C
storage from -30°C to +80°C

Min. bending radius:

10 x external diam. (unshielded)
12 x external diameter (shielded)

Translation speed: 120 m/min.

Max. acceleration: 4 m/s²

Flame resistance: VDE 0472-804C - IEC 332-3A
- CEI 20-22 II

Oil resistance: VDE 0472-803-B (ASTM2 oil)
CNOMO E.03.40.150N -
NFT46-013
(for resistance to industrial oils)

Standards: UL - CSA on request