



ARCOCAVI

Technical Data

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**ARCO - EXTRAFLEX F4 XLPE - PVC
EXTRA-FLEXIBLE EMC SHIELDED
CABLES FOR FANUC SYSTEMS SIGNAL
TRANSMISSION**

Application

Supply of FANUC systems signals

Constructional characteristics

Conductor stranding:

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

Primary insulation: XLPE cross-linked polyethylene

Cores identification: colour code according DIN 47100
or other code

EMC shield: tinned copper braid on total -covering \geq 85%

Taping: special tape

Jacket: special PVC compound
colour black RAL 9005

Type of cable

Type	Code	Formation x mm ²
F4	F4A8PXC	8 x 2 x 0,09
F4	F4A10PXC	10 x 2 x 0,09
F4	F4A25PXC	25 x 2 x 0,09

Technical characteristics and ratings

Service voltage: 300 V

Test voltage: 1500 V

Insulation resistance: \geq 3000 Mohm x km (at 20°C)

Capacitance: abt. 60 pF/ m at 20°C (cond. / cond.)
abt. 100 pF/ m at 20°C (cond./shield)

Temperature: service from -10°C to +80°C
storage from -40°C to +80°C

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

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