



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 - EXTRAFLEX S5 PVC - PUR EXTRA-FLEXIBLE EMC SHIELDED CABLES FOR CONNECTION OF SIEMENS SIGNALS

Application

Connection for Siemens signals
Dynamic applications

Type of cable

Code
S5C8PXC

Formation x mm²
8 x 2 x 0,18

Constructional characteristics

Conductor stranding:

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

Primary insulation: special PVC compound

Cores identification: colours according DIN 47100

EMC shield: tinned copper braid
covering $\geq 85\%$

Taping: special tape

Jacket: special PUR compound abrasion-free
colour petrol RAL 5018 or black RAL 9005

Techinal characteristics and ratings

Service voltage: 250 V

Test voltage: 1500 V

Insulation resistance: ≥ 100 Mohm x km (at 20°C)

Capacitance: 110 pF / m (cond. / cond.)

Inductance: 0,62 mH / km

Temperature: service from 0°C to +70°C
storage from -20°C to +80°C

Min. bending radius: 90 mm

Translation speed: 180 m/min

Max. acceleration: 7 m/s²

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)

Halogen-free version: VDE 0472-815