



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 S3 PETP - PUR
EXTRA-FLEXIBLE EMC SHIELDED
CABLES FOR DATA TRANSMISSION
AND SIEMENS ENCODER**

Application

Data transmission
Connection for Siemens encoder
Dynamic applications

Type of cable

Code	Formation x mm ²
S3GH12RXC	4 x (2 x 0,38) + 4 x 0,50

Constructional characteristics

Conductor stranding:
extra-flexible class 6 acc. Standards
VDE 0295 - IEC 228 - CEI 20-29
Primary insulation: PETP polyester terephthalate
Cores identification:
0,38 mm²: BU/VT - RD/OG - BN/BK - YE/GN
0,5 mm²: YE-BU-RD-BK
EMC shield: tinned copper braid covering $\geq 85\%$
Taping: special tape
Jacket: special PUR compound abrasion-free
black colour

Techinal characteristics and ratings

Service voltage: 250 V
Test voltage: 1500 V
Insulation resistance: ≥ 100 Mohm x km (at 20°C)
Temperature: service from -10°C to +110°C
storage from -30°C to +80°C
Min. bending radius: 100 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