



CONNECTION CABLE



P/N CV-SMCP50

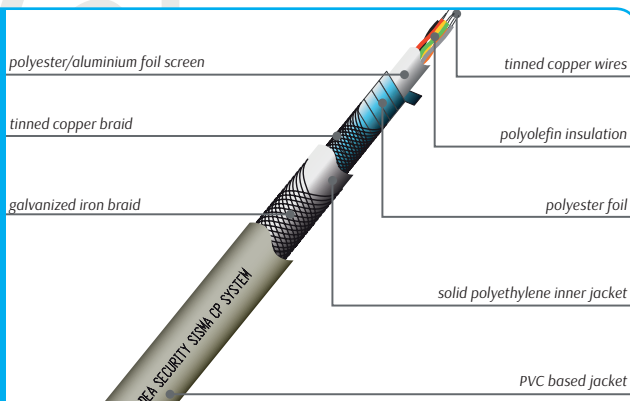
DESCRIPTION

Tinned copper six-wire shielded cable with rodent-proof armour. It is used to connect LN-SMCP50 sensor-string and SN-SMCP50 sensor prewired in a string to SC-SMCP50-Z1 processing board.

The outer protection consists of a rodent-proof armour, a thick galvanized iron braid which protects the connection cable against rodents. Electric insulation and protection against dampness and crushing are guaranteed by different layers of thermoplastic material: a PVC external jacket, oil and hydrocarbon resistant, an inner water-proof polyethylene jacket and a polyolefin compound which covers each wire.

Finally, a tinned copper braid shield and an aluminium/polyester tape assure a high immunity against electromagnetic disturbances.

SCHEMA



AVAILABLE VERSIONS

SISMA CP 50 cable is available in hanks of 50 or 100 metres and in reels of 500 metres.

PART NUMBER	LENGTH (m)	COLOUR
CV-SMCP50-50	50	GRIGIO
CV-SMCP50-100	100	GRIGIO
CV-SMCP50-500	500	GRIGIO

COMPLIANCE

- DIRECTIVE 2006/95/CE
- CEI 20-11
- CEI 20-14 P.Q.A
- CEI 20-35/1-2
- EN 50363, EN 60332-1-2, IEC 60332-1, UL 1581, ROHS, REACH



TECHNICAL FEATURES

- DIAMETER:** 10,5 mm
- WIRES:** 6 tinned copper wires, twisted pairs
- CROSS SECTIONAL AREA:** 0,25 mm² (24 AWG)
- OPERATING TEMPERATURE:** -40 ÷ +80 °C (posa fissa)
- INSTALLATION TEMPERATURE:** -15 ÷ +50 °C
- INSULATION VOLTAGE:** 0,6/1 kV
- WIRE INSULATION MATERIAL:** polyolefin
- SHIELDING:**
 - tinned copper braid (coverage 70%)
 - aluminium/polyester foil screen (coverage >100%) with tinned copper drain wire with cross sectional area of 0.22 mm² (24 AWG)
- SHIELDING:** rodent-proof galvanized iron braid armour (nominal coverage >80%)
- JACKET:** PVC-based, non-flame propagating and oil resistant
- INNER JACKET:** polyethylene
- BENDING RADIUS:** 15 times outer diameter
- USE:** this cable can be installed in a group of cables with max operating voltage of U₀/U 0.6/1 kV
- COLOUR:** grey

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