



SCS AV cable

5739 99

Description

The white SCS BUS cable has been purposely designed and produced for the installation of Video door entry systems and Sound Systems. However, it is also suitable for use in Automation, Temperature Control and Burglar Alarm Systems.

This cable is used for the distribution of the power supplies and the operating signals to all system devices.

The cable consists of a white external sheathing and two braided flexible conductors with a section of 0.5 mm², one brown and one brown/white.

The cable is sold in 200 m coils.

It is therefore suitable for use in:

- Open air inside trunking, walkways and piping
- Inside walls with suitable piping
- Buried in suitable piping

WARNING:

Although the construction of the white cable guarantees electrical insulation for installation together with 450/750 V system cables, it is however not capable of guaranteeing immunity from any electromagnetic disturbances that may occur when installed in the same conduits used for the power supply cables (110 Vac, 127 Vac, 230 Vac). It is therefore strongly recommended that the white SCS BUS cable and the power supply cables are installed in separate conduits.

Technical data

Insulation voltage:	450/750 V
Can be buried:	YES*
Reference standards:	It complies with the tests required by the following standards: EN60811, EN50289, EN50290, EN60228, 50265-2-1, EN50395, EN50396 as described inside the IMQ CPT 062 document
External sheath colour:	white (RAL 9010)
External sheath diameter:	5.0 +/- 0.1 mm
External sheath thick:	0.7 mm
External sheath material:	PVC (RZ)
Number of internal conductors:	2 flexible plaited and unshielded wires with sheath
Colour of internal conductors:	brown - brown/white
Internal conductors sheathing thickness:	0.40 mm
Internal conductors sheathing diameter:	1.70 mm
Internal conductors sheathing material:	LDPE Polyethylene
Conductor material:	electrolytic red copper
Conductor section:	0.50 mmq (16 x 0.20 mmq)
Operating temperature:	(-15) - (+70) °C
Skein length:	200 m

*The white SCS BUS cable can be buried (inside suitable conduits) and is guaranteed for installation together with signal cables, provided that the existing voltages inside the conduit are < 50 V.

It is however strictly forbidden to install the white cable together with power supply cables with voltages > 50 V. Should this be the case, the company shall decline all civil and good performance responsibilities for the systems installed.