



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 72622 INT

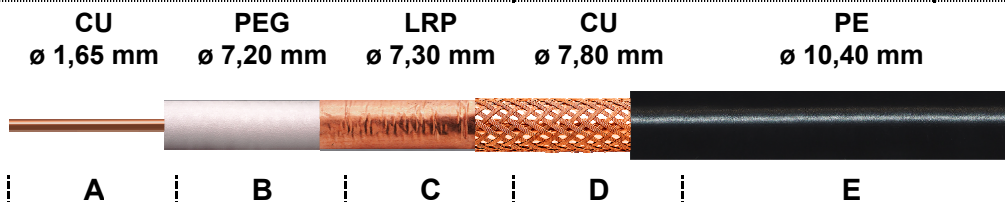
SATELLITE AND DIGITAL DROP CABLE

RECOMMENDED APPLICATION :
UNDERGROUND LAYING DISTRIBUTION CABLE

Class CPR **F_{ca}**

CATEGORY

A
EN 50117



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	ø 1,65 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 7,20 ± 0,10 mm
C	SHIELD	COPPER + POLYESTER TAPE	h. 27 mm
		- COVERAGE	100%
D	BRAID	PLAIN COPPER	128 x 0,12 mm
		- COVERAGE	62%
E	SHEATH	CARBON BLACK POLYETHYLENE	ø 10,40 ± 0,18 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	## METER ## SIVA SAT 72622 INT GAS 75 Ohm MADE IN ITALY CE	

MINIMUM BENDING RADIUS (mm)

- **SINGLE** ø EXTERNAL X 5
- **REPEATED** ø EXTERNAL X 10

TEMPERATURE RANGE -40 °C / +75 °C

CABLE WEIGHT (Kg/Km)

- **COPPER** 40,4
- **PLASTIC** 52,4
- **TOTAL** 92,8

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- **INNER CONDUCT.** 8,2 Ohm/Km
- **BRAID** 9,5 Ohm/Km

TENSION

- **SHEATH** 9,5 kV
- **SPARK TESTING**

ATTENUATIONS dB/100 m.

5 MHz	0,9	470 MHz	8,6	1500 MHz	16,4
10 MHz	1,2	600 MHz	9,8	1750 MHz	17,8
50 MHz	2,8	800 MHz	11,7	2150 MHz	19,5
100 MHz	3,8	862 MHz	11,9	2400 MHz	20,4
200 MHz	5,4	1000 MHz	12,9	2750 MHz	22,1
300 MHz	6,5	1350 MHz	15,3	3000 MHz	23,5

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>31
470 ÷ 862	MHz	>26
862 ÷ 2150	MHz	>23
2150 ÷ 3000	MHz	>20

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE 5 ÷ 30	MHz	<5	mOhm/m
30 ÷ 1000	MHz	>85	dB
1000 ÷ 2000	MHz	>75	dB
2000 ÷ 3000	MHz	>65	dB

The producer reserves himself to make modification on the item without any notice.