



FABBRICA CAVI - ANTENNE - ACCESSORI TV

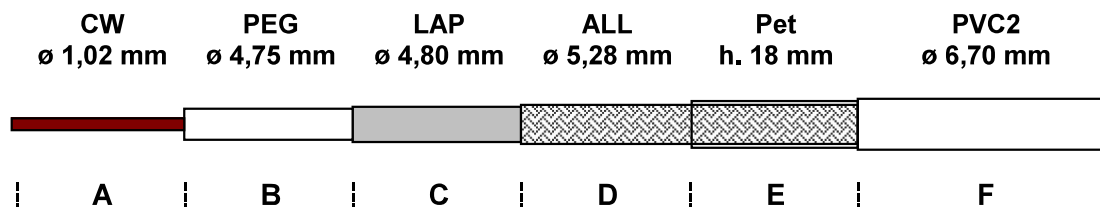


SGE 46362

TERRESTRIAL AND SATELLITE RECEPTION

CATEGORY

C
EN 50117



MECHANICAL DATA

A	INNER CONDUCTOR	COPPERWELD	ø 1,02 mm
B	DIELECTRIC	FOAM POLYETHYLENE	ø 4,75 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER TAPE	h. 18 mm
	- COVERAGE		100%
D	BRAID	ALUMINIUM	48 x 0,12 mm
	- COVERAGE		35%
E	NON-MIGRATING	POLYESTER TAPE	h. 18 mm
F	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 6,70 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003	
	- PRINTING		

MINIMUM BENDING RADIUS (mm)

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10
TEMPERATURE RANGE	-30 °C / +70 °C

CABLE WEIGHT (Kg/Km)

- ALUMINIUM	6,7
- PLASTIC	27,2
- TOTAL	36,9

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 5 Ohm	RESISTANCE	
CAPACITANCE	53 pF/m	- INNER CONDUCT.	120 Ohm/Km
VELOCITY RATIO	84%	- BRAID	65 Ohm/Km
		TENSION	
		- SHEATH	3,5 kV
		SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz	1,5	470 MHz	13,9	1500 MHz	27,0
10 MHz	2,0	600 MHz	16,2	1750 MHz	29,1
50 MHz	4,4	800 MHz	18,6	2150 MHz	32,8
100 MHz	6,3	862 MHz	19,5	2400 MHz	35,2
200 MHz	9,0	1000 MHz	21,3	2750 MHz	38,2
300 MHz	10,9	1350 MHz	25,0	3000 MHz	40,5

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>24
470 ÷ 862	MHz	>23
862 ÷ 2150	MHz	>22
2150 ÷ 3000	MHz	>17

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<50	mOhm/m
	30 ÷ 1000	MHz	>75	dB
	1000 ÷ 2000	MHz	>65	dB
	2000 ÷ 3000	MHz	>55	dB

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