



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 35876 TRS

BROADBAND DISTRIBUTION NETWORKS

RECOMMENDED APPLICATION :

HIGH SCREENING EFFECTIVENESS INSTALLATIONS

Class CPR **F_{ca}**

CATEGORY

A++
EN 50117

CU PEG LAS ALL LAS PVC2
 ø 0,80 mm ø 3,50 mm ø 3,60 mm ø 4,25 mm ø 4,35 mm ø 5,30 mm



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	ø 0,80 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	.....	ø 3,50 ± 0,10 mm
C	SHIELD	ALL + PET + ALL ADHESIVE TAPE	.....	h. 12 mm
		- COVERAGE	.....	100%
D	BRAID	ALUMINIUM	.....	96 x 0,16 mm
		- COVERAGE	.....	87%
E	SHIELD	ALL + PET + ALL ADHESIVE TAPE	.....	h. 12 mm
		- COVERAGE	.....	100%
F	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	.....	ø 5,30 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003		
	- PRINTING	## METER ## SIVA SAT 35876 TRS 75 Ohm CLASSE A++ LTE READY		
		MADE IN ITALY CE 57 WEEK/YEAR		

MINIMUM BENDING RADIUS (mm)

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

CABLE WEIGHT (Kg/Km)

- COPPER	4,5
- ALUMINIUM	5,5
PLASTIC	15,8
- TOTAL	28,2

TEMPERATURE RANGE -30 °C / +70 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT.	35,0 Ohm/Km
- BRAID	8,0 Ohm/Km

TENSION

- SHEATH	
- SPARK TESTING	2,5 kV

ATTENUATIONS dB/100 m.

5 MHz	1,6	470 MHz	17,1	1500 MHz	31,8
10 MHz	2,2	600 MHz	19,4	1750 MHz	33,9
50 MHz	5,1	800 MHz	22,3	2150 MHz	38,8
100 MHz	7,7	862 MHz	23,4	2400 MHz	41,6
200 MHz	10,9	1000 MHz	26,0	2750 MHz	45,3
300 MHz	13,3	1350 MHz	29,6	3000 MHz	47,7

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>32
470 ÷ 862	MHz	>29
862 ÷ 2150	MHz	>26
2150 ÷ 3000	MHz	>21

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<0,9	mOhm/m
	30 ÷ 1000	MHz	>105	dB
	1000 ÷ 2000	MHz	>95	dB
	2000 ÷ 3000	MHz	>85	dB

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