



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 46432

DIGITAL DROP CABLE

RECOMMENDED APPLICATION :
MEDIUM AND BIG INSTALLATIONS

Class CPR **E_{ca}**

CATEGORY

B
EN 50117

CU PEG LTA CS PVC2
ø 1,00 mm ø 4,60 mm ø 4,70 mm ø 5,10 mm ø 6,50 mm



|| A || B || C || D || E ||

MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	ø 1,00 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	.....	ø 4,60 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	.....	h. 18 mm
		- COVERAGE	.....	100%
D	BRAID	TINNED COPPER	.....	80 x 0,10 mm
		- COVERAGE	.....	47%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	.....	ø 6,50 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003		
	- PRINTING	## METER ## SIVA SAT 46432 75 Ohm MADE IN ITALY		
		CE 57 SETT/ANNO EN 50575:2014 + A1:2016 Eca		

MINIMUM BENDING RADIUS (mm)

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

TEMPERATURE RANGE -30 °C / +70 °C

CABLE WEIGHT (Kg/Km)

- COPPER 13,0
- PLASTIC 25,1
- TOTAL 39,8

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT. 22,5 Ohm/Km
- BRAID 19,0 Ohm/Km

TENSION

- SHEATH 3,5 kV
- SPARK TESTING

ATTENUATIONS dB/100 m.

5 MHz 1,5	470 MHz 13,5	1500 MHz 25,6
10 MHz 2,0	600 MHz 15,4	1750 MHz 27,4
50 MHz 4,2	800 MHz 17,9	2150 MHz 31,0
100 MHz 6,2	862 MHz 18,5	2400 MHz 33,1
200 MHz 8,7	1000 MHz 20,5	2750 MHz 36,1
300 MHz 10,4	1350 MHz 23,8	3000 MHz 38,2

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>29
470 ÷ 862	MHz	>27
862 ÷ 2150	MHz	>24
2150 ÷ 3000	MHz	>21

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<23	mOhm/m
	30 ÷ 1000	MHz	>80	dB
	1000 ÷ 2000	MHz	>80	dB
	2000 ÷ 3000	MHz	>65	dB

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