



FABBRICA CAVI - ANTENNE - ACCESSORI TV



SAT 48800

DIGITAL DROP CABLE

RECOMMENDED APPLICATION :
MEDIUM AND BIG INSTALLATIONS

Class CPR **E_{ca}**

CATEGORY

A
EN 50117

CU PEG LTA CS PVC2
ø 1,13 mm ø 4,80 mm ø 4,90 mm ø 5,30 mm ø 6,60 mm



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



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	ø 1,13 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	.....	ø 4,80 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	.....	h. 18 mm
		- COVERAGE	.....	100%
D	BRAID	TINNED COPPER	.....	144 x 0,10 mm
		- COVERAGE	.....	73%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	.....	ø 6,60 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003		
	- PRINTING	## METER ## SIVA SAT 48800 75 Ohm CLASSE A LTE READY		
		MADE IN ITALY CE 56 WEEK/YEAR 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 20,1
- PLASTIC 24,2
- TOTAL 46,0

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT. 17,2 Ohm/Km
- BRAID 14,5 Ohm/Km

TENSION

- SHEATH 3,0 kV
- SPARK TESTING

ATTENUATIONS dB/100 m.

5 MHz 1,0	470 MHz 12,0	1500 MHz 23,5
10 MHz 1,5	600 MHz 13,9	1750 MHz 25,3
50 MHz 3,7	800 MHz 16,2	2150 MHz 28,5
100 MHz 5,4	862 MHz 16,7	2400 MHz 30,5
200 MHz 7,8	1000 MHz 18,4	2750 MHz 33,0
300 MHz 9,4	1350 MHz 21,8	3000 MHz 35,0

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>31
470 ÷ 862	MHz	>30
862 ÷ 2150	MHz	>27
2150 ÷ 3000	MHz	>25

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.