



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 35800

DIGITAL DROP CABLE

RECOMMENDED APPLICATION :
CROWDED CABLE DUCTS

Classe CPR **E_{ca}**

CATEGORY

A+
EN 50117

CU PEG LTA CS PVC2
ø 0,80 mm ø 3,50 mm ø 3,60 mm ø 4,00 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	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	.....	h. 15 mm
		- COVERAGE	.....	100%
D	BRAID	TINNED COPPER	.....	128 x 0,10 mm
		- COVERAGE	.....	80%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	.....	ø 5,30 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003		
	- PRINTING	## METER ## SIVA SAT 35800 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 14,0
- PLASTIC 18,1
- TOTAL 33,5

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT. 35,0 Ohm/Km
- BRAID 14,5 Ohm/Km

TENSION

- SHEATH 3,0 kV
- SPARK TESTING

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	<5	mOhm/m
	30 ÷ 1000	MHz	>95	dB
	1000 ÷ 2000	MHz	>90	dB
	2000 ÷ 3000	MHz	>80	dB

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