



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 20776

SATELLITE AND DIGITAL DROP CABLE

RECOMMENDED APPLICATION :

VERY SHORT DISTANCES

Class CPR **E_{ca}**

CATEGORY

A
EN 50117

CU ø 0,40 mm	PEE ø 1,80 mm	LTA ø 1,90 mm	ALL ø 2,55 mm	PVC2 ø 3,60 mm
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|| A || B || C || D || E ||

MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	ø 0,40 mm
B	DIELECTRIC	FOAM POLYETHYLENE	ø 1,80 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 8 mm
	- COVERAGE		100%
D	BRAID	ALUMINIUM	48 x 0,16 mm
	- COVERAGE		77%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 3,60 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003	
	- PRINTING	## METER ## SIVA SAT 20620 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

CABLE WEIGHT (Kg/Km)

- COPPER	1,1
- ALUMINIUM	2,8
- PLASTIC	9,1
- TOTAL	13,8

TEMPERATURE RANGE 6000-12000

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 5 Ohm	RESISTANCE	
CAPACITANCE	56 pF/m	- INNER CONDUCT.	142,0 Ohm/Km
VELOCITY RATIO	80%	- BRAID	25,0 Ohm/Km
		TENSION	
		- SHEATH	2,5 kV
		- SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz 3,8	470 MHz 18,7	1500 MHz 26,8
10 MHz 4,9	600 MHz 20,4	1750 MHz 29,5
50 MHz 8,8	800 MHz 21,5	2150 MHz 33,3
100 MHz 11,3	862 MHz 22,9	2400 MHz 35,3
200 MHz 13,5	1000 MHz 23,4	2750 MHz 43,6
300 MHz 15,7	1350 MHz 25,4	3000 MHz 45,0

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>28
470 ÷ 862	MHz	>23
862 ÷ 2150	MHz	>18
2150 ÷ 3000	MHz	>15

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<5	mOhm/m
	30 ÷ 1000	MHz	>90	dB
	1000 ÷ 2000	MHz	>85	dB
	2000 ÷ 3000	MHz	>75	dB

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