



FABBRICA CAVI - ANTENNE - ACCESSORI TV



SAT 20620

SATELLITE AND DIGITAL DROP CABLE

RECOMMENDED APPLICATION :

VERY SHORT DISTANCES

Class CPR **F_{ca}**

CATEGORY

A
EN 50117

CW ø 0,41 mm	PEE ø 1,95 mm	LTA ø 2,05 mm	CS ø 2,45 mm	PVC2 ø 3,50 mm
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|| A || B || C || D || E ||

MECHANICAL DATA

A	INNER CONDUCTOR	COPPERWELD	ø 0,41 mm
B	DIELECTRIC	FOAM POLYETHYLENE	ø 1,95 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 8 mm
	- COVERAGE		100%
D	BRAID	TINNED COPPER	48 x 0,10 mm
	- COVERAGE		62%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 3,50 ± 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

TEMPERATURE RANGE -30 °C / +70 °C

CABLE WEIGHT (Kg/Km)

- COPPER	4,7
- PLASTIC	9,1
- TOTAL	14,6

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 5 Ohm	RESISTANCE	
		- INNER CONDUCT.	320,0 Ohm/Km
CAPACITANCE	56 pF/m	- BRAID	41,0 Ohm/Km
VELOCITY RATIO	80%	TENSION	
		- SHEATH	2,5 kV
		- SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz	3,7	470 MHz	33,1	1500 MHz	62,5
10 MHz	4,7	600 MHz	37,9	1750 MHz	66,9
50 MHz	11,0	800 MHz	43,8	2150 MHz	74,8
100 MHz	15,3	862 MHz	46,0	2400 MHz	79,0
200 MHz	21,0	1000 MHz	49,9	2750 MHz	83,7
300 MHz	26,1	1350 MHz	58,3	3000 MHz	87,5

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	>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.