



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 37526

DIGITAL DROP CABLE
RECOMMENDED APPLICATION :
CROWDED CABLE DUCTS

Class CPR **E_{ca}**

CATEGORY

A
EN 50117

CU ø 0,80 mm	PEG ø 3,65 mm	LTA ø 3,75 mm	ALL ø 4,40 mm	PVC2 ø 6,00 mm
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|| **A** || **B** || **C** || **D** || **E** ||



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	ø 0,80 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 3,65 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 15 mm
	- COVERAGE		100%
D	BRAID	ALUMINIUM	48 x 0,16 mm
	- COVERAGE		52%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 6,00 ± 0,10 mm
	- COLOUR	WHITE - RAL 9003	
	- PRINTING	## METER ## SIVA SAT 37526 75 Ohm CLASSE A LTE READY	
		MADE IN ITALY CE 57 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	4,5
- ALUMINIUM	2,8
PLASTIC	23,8
- TOTAL	32,5

TEMPERATURE RANGE -30 °C / +70 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 3 Ohm	RESISTANCE	
CAPACITANCE	53 pF/m	- INNER CONDUCT.	35,0 Ohm/Km
VELOCITY RATIO	84%	- BRAID	28,0 Ohm/Km
		TENSION	
		- SHEATH	4,0 kV
		- SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz	1,6	470 MHz	16,7	1500 MHz	31,1
10 MHz	2,2	600 MHz	18,9	1750 MHz	33,2
50 MHz	5,1	800 MHz	21,8	2150 MHz	38,0
100 MHz	7,6	862 MHz	22,8	2400 MHz	40,7
200 MHz	10,7	1000 MHz	25,4	2750 MHz	44,3
300 MHz	13,0	1350 MHz	29,0	3000 MHz	46,7

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	<10	mOhm/m
	30 ÷ 1000	MHz	>90	dB
	1000 ÷ 2000	MHz	>75	dB
	2000 ÷ 3000	MHz	>65	dB

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