



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 35876 PRO-PE

DIGITAL DROP CABLE
RECOMMENDED APPLICATION :
EXTERIOR INSTALLATION

Class CPR **F_{ca}**

CATEGORY

A
EN 50117

CU ø 0,80 mm	PEG ø 3,50 mm	LTA ø 3,60 mm	ALL ø 4,25 mm	PE ø 5,30 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 3,50 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 12 mm
	- COVERAGE		100%
D	BRAID	ALUMINIUM	96 x 0,16 mm
	- COVERAGE		87%
E	SHEATH	CARBON BLACK POLYETHYLENE	ø 5,30 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	## METER ## SIVA SAT 35876 PRO-PE 75 Ohm CLASSE A LTE READY	
		MADE IN ITALY CE 57 SETT/ANNO EN 50575:2014 + A1:2016 Fca	

MINIMUM BENDING RADIUS (mm)

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER	4,5
- ALUMINIUM	5,5
PLASTIC	11,6
- TOTAL	22,6

TEMPERATURE RANGE -40 °C / +75 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT.	35,0 Ohm/Km
- BRAID	11,0 Ohm/Km

TENSION

- SHEATH	4,0 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	>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.