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	PEG	LTA	ALL	PE
ø 0,80 mm	ø 3,50 mm	ø 3,60 mm	ø 4,25 mm	ø 5,30 mm

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. 15 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

TEMPERATURE RANGE -40 °C / +75 °C

CABLE WEIGHT (Kg/Km)

- **COPPER** 4,5
- **ALUMINIUM** 5,5
- **PLASTIC** 11,6
- **TOTAL** 23,0

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 SPARK TESTING** 4,0 kV

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.

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