



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 46836 PRO-PE

DIGITAL DROP CABLE
RECOMMENDED APPLICATION :
EXTERIOR INSTALLATION

Class CPR **F_{ca}**

CATEGORY

A+
EN 50117

CU PEG LTA ALL PE
ø 1,00 mm ø 4,60 mm ø 4,70 mm ø 5,35 mm ø 6,70 mm



A B C D E



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	ø 1,00 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	.....	ø 4,60 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	.....	h. 18 mm
		- COVERAGE	.....	100%
D	BRAID	ALUMINIUM	.....	112 x 0,16 mm
		- COVERAGE	.....	83%
E	SHEATH	CARBON BLACK POLYETHYLENE	.....	ø 6,70 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	## METER ## SIVA SAT 46836 PRO-PE 75 Ohm CLASSE A+ LTE READ		
		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 7,0
- ALUMINIUM 6,5
- PLASTIC 18,4
- TOTAL 33,6

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. 22,5 Ohm/Km
- BRAID 11,0 Ohm/Km

TENSION

- SHEATH 5,0 kV
- SPARK TESTING

ATTENUATIONS dB/100 m.

5 MHz	1,5	470 MHz	13,5	1500 MHz	25,6
10 MHz	2,0	600 MHz	15,4	1750 MHz	27,4
50 MHz	4,2	800 MHz	17,9	2150 MHz	31,0
100 MHz	6,2	862 MHz	18,5	2400 MHz	33,1
200 MHz	8,7	1000 MHz	20,5	2750 MHz	36,1
300 MHz	10,4	1350 MHz	23,8	3000 MHz	38,2

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	<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.