FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 48836 PRO

DIGITAL DROP CABLE
RECOMMENDED APPLICATION :
MEDIUM AND BIG INSTALLATIONS

Class CPR E_{ca}

CATEGORY A
EN 50117

CU	PEG	LTA	ALL	PVC2
ø 1,13 mm	ø 4,80 mm	ø 4,90 mm	ø 5,55 mm	ø 6,90 mm

A	B	C	D	E

MECHANICAL DATA

A	**INNER CONDUCTOR**	PLAIN COPPER	**ø 1,13 mm**
B	**DIELECTRIC**	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	**ø 4,80 ± 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**	NON-CONTAMINATING POLYVINYL-CHLORIDE	**ø 6,90 ± 0,10 mm**
	- COLOUR	**WHITE - RAL 9003**	
	- PRINTING	**## METER ## SIVA SAT 48836 PRO 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

TEMPERATURE RANGE -30 °C / +70 °C

CABLE WEIGHT (Kg/Km)

- **COPPER** 9,0
- **ALUMINIUM** 6,5
- **PLASTIC** 26,3
- **TOTAL** 43,5

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- **INNER CONDUCT.** 17,2 Ohm/Km
- **BRAID** 11,0 Ohm/Km

TENSION

- **SHEATH SPARK TESTING** 3,5 kV

ATTENUATIONS dB/100 m.

5	MHz	1,0	470	MHz	12,0	1500	MHz	23,5
10	MHz	1,5	600	MHz	13,9	1750	MHz	25,3
50	MHz	3,7	800	MHz	16,2	2150	MHz	28,5
100	MHz	5,4	862	MHz	16,7	2400	MHz	30,5
200	MHz	7,8	1000	MHz	18,4	2750	MHz	33,0
300	MHz	9,4	1350	MHz	21,8	3000	MHz	35,0

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>31
470 ÷ 862	MHz	>30
862 ÷ 2150	MHz	>27
2150 ÷ 3000	MHz	>25

SCREENING EFFECTIVENESS dB
EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<5	mOhm/m
	30 ÷ 1000	MHz	>90	dB
	1000 ÷ 2000	MHz	>80	dB
	2000 ÷ 3000	MHz	>70	dB

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

SI.VA S.R.L. Via Vittorio Veneto 63 24040 Bonate Sotto (Bergamo) Italia
Tel. 0039 035 991085 / 86 Fax 0039 035 992128 Home page: http://www.sivacavi.it E-mail: siva@sivacavi.it