FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 46576 XS-ZH

DIGITAL DROP CABLE

RECOMMENDED APPLICATION :

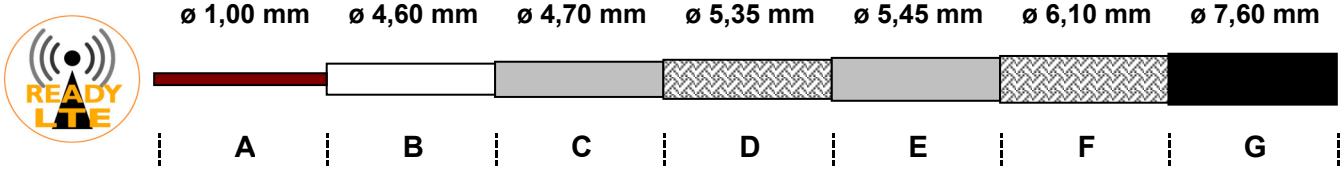
HIGH SCREENING EFFECTIVENESS INSTALLATIONS

Class CPR F_{ca}

CATEGORY **A+**

EN 50117

CU	PEE	LAS	ALL	LTA	ALL	LSZH
ø 1,00 mm	ø 4,60 mm	ø 4,70 mm	ø 5,35 mm	ø 5,45 mm	ø 6,10 mm	ø 7,60 mm



A	B	C	D	E	F	G

MECHANICAL DATA

A	**INNER CONDUCTOR**	PLAIN COPPER	**ø 1,00 mm**
B	**DIELECTRIC**	FOAM POLYETHYLENE	**ø 4,60 ± 0,10 mm**
C	**SHIELD**	ALL + PET + ALL ADHESIVE TAPE	**h. 18 mm**
		- COVERAGE	**100%**
D	**BRAID**	ALUMINIUM	**64 x 0,16 mm**
		- COVERAGE	**57%**
E	**SHIELD**	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	**h. 18 mm**
		- COVERAGE	**100%**
F	**BRAID**	ALUMINIUM	**48 x 0,16 mm**
		- COVERAGE	**40%**
G	**SHEATH**	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS	**ø 7,60 ± 0,20 mm**
	- COLOUR	**BLACK - RAL 9004**	
	- PRINTING	**## METER ## SIVA SAT 46576 XS 75 Ohm CLASSE A+ LTE READY MADE IN ITALY CE**	

MINIMUM BENDING RADIUS (mm)

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

TEMPERATURE RANGE -40 °C / +80 °C

CABLE WEIGHT (Kg/Km)

- **ALUMINIUM** 13,6
- **PLASTIC** 32,0
- **TOTAL** 49,7

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- **INNER CONDUCT.** 22,5 Ohm/Km
- **BRAID** 10,5 Ohm/Km

TENSION

- **SHEATH SPARK TESTING** 4,0 kV

ATTENUATIONS dB/100 m.

5	MHz	1,5	470	MHz	13,9	1500	MHz	27,0
10	MHz	2,0	600	MHz	16,2	1750	MHz	29,1
50	MHz	4,4	800	MHz	18,6	2150	MHz	32,8
100	MHz	6,3	862	MHz	19,5	2400	MHz	35,2
200	MHz	9,0	1000	MHz	21,3	2750	MHz	38,2
300	MHz	10,9	1350	MHz	25,0	3000	MHz	40,5

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>33
470 ÷ 862	MHz	>31
862 ÷ 2150	MHz	>25
2150 ÷ 3000	MHz	>22

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE

5 ÷ 30	MHz	<2,5	mOhm/m
30 ÷ 1000	MHz	>95	dB
1000 ÷ 2000	MHz	>85	dB
2000 ÷ 3000	MHz	>75	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