



FABBRICA CAVI - ANTENNE - ACCESSORI TV

SAT 48800 INT

DIGITAL DROP CABLE

RECOMMENDED APPLICATION :

UNDERGROUND LAYING OR IN HUMID ENVIRONMENT

Class CPR **F_{ca}**

CATEGORY

A+
EN 50117

CU	PEG+PE	LAS	CS	Pet	PE
ø 1,13 mm	ø 4,80 mm	ø 4,90 mm	ø 5,30 mm	h. 18 mm	ø 7,60 mm



A B C D E F



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	ALL + PET + ALL ADHESIVE TAPE	h. 18 mm
	- COVERAGE		100%
D	BRAID	TINNED COPPER	144 x 0,10 mm
	- COVERAGE		73%
E	NON-MIGRATING	POLYESTER TAPE	h. 18 mm
F	SHEATH	CARBON BLACK POLYETHYLENE	ø 7,60 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	## METER ## SIVA SAT 48800 INT GAS 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 / +75 °C

CABLE WEIGHT (Kg/Km)

- COPPER 20,1
- PLASTIC 28,7
- TOTAL 51,0

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT. 17,2 Ohm/Km
- BRAID 14,5 Ohm/Km

TENSION

- SHEATH SPARK TESTING 8,5 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	>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.