



FABBRICA CAVI - ANTENNE - ACCESSORI TV



SAT 35800 SKN-PE

DIGITAL DROP CABLE

RECOMMENDED APPLICATION :
OUTSIDE TRAMPLING-RESISTING WIRING

Class CPR **F_{ca}**

CATEGORY

A
EN 50117

CU ø 0,80 mm	PEG+PE ø 3,50 mm	LTA ø 3,60 mm	CS ø 4,00 mm	PE ø 5,30 mm
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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. 12 mm
		- COVERAGE	100%
D	BRAID	TINNED COPPER	128 x 0,10 mm
		- COVERAGE	80%
E	SHEATH	CARBON BLACK POLYETHYLENE	ø 5,30 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	## METER ## SIVA SAT 35800 SKN 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 14,0
- PLASTIC 12,6
- TOTAL 27,6

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT. 35,0 Ohm/Km
- BRAID 14,5 Ohm/Km

TENSION

- SHEATH 4,5 kV
- SPARK TESTING

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	>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.