



FABBRICA CAVI - ANTENNE - ACCESSORI TV

# SAT 72726 TRS

BROADBAND DISTRIBUTION NETWORKS  
RECOMMENDED APPLICATION :  
UNDERGROUND LAYING DISTRIBUTION CABLE

Class CPR **F<sub>ca</sub>**

CATEGORY

**A++**  
**EN 50117**

CU      PEG      LAS      ALL      LAS      PE  
ø 1,65 mm    ø 7,20 mm    ø 7,30 mm    ø 7,95 mm    ø 8,05 mm    ø 10,10 mm



## MECHANICAL DATA

<b>A</b>	<b>INNER CONDUCTOR</b>	PLAIN COPPER	.....	ø 1,65 mm
<b>B</b>	<b>DIELECTRIC</b>	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	.....	ø 7,20 ± 0,10 mm
<b>C</b>	<b>SHIELD</b>	ALL + PET + ALL ADHESIVE TAPE	.....	h. 27 mm
		- COVERAGE	.....	100%
<b>D</b>	<b>BRAID</b>	ALUMINIUM	.....	128 x 0,16 mm
		- COVERAGE	.....	72%
<b>E</b>	<b>SHIELD</b>	ALL + PET + ALL ADHESIVE TAPE	.....	h. 27 mm
		- COVERAGE	.....	100%
<b>F</b>	<b>SHEATH</b>	CARBON BLACK POLYETHYLENE	.....	ø 10,10 ± 0,18 mm
	- COLOUR	<b>BLACK - RAL 9004</b>		
	- PRINTING	<b>## METER ## SIVA SAT 72726 TRS 75 Ohm CLASSE A++ LTE READY</b>		
		<b>MADE IN ITALY CE 57 WEEK/YEAR</b>		

### MINIMUM BENDING RADIUS ( mm )

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

### CABLE WEIGHT ( Kg/Km )

- COPPER      19,2
- ALUMINIUM    7,8
- PLASTIC      44,1
- TOTAL        77,7

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.    8,2 Ohm/Km
- BRAID                4,4 Ohm/Km

### TENSION

- SHEATH             8,0 kV
- SPARK TESTING

### ATTENUATIONS dB/100 m.

5      MHz    0,9	470   MHz    8,6	1500   MHz    16,4
10     MHz    1,2	600   MHz    9,8	1750   MHz    17,8
50     MHz    2,8	800   MHz    11,7	2150   MHz    19,5
100    MHz    3,8	862   MHz    11,9	2400   MHz    20,4
200    MHz    5,4	1000   MHz    12,9	2750   MHz    22,1
300    MHz    6,5	1350   MHz    15,3	3000   MHz    23,5

### STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>31
470 ÷ 862	MHz	>26
862 ÷ 2150	MHz	>23
2150 ÷ 3000	MHz	>20

### SCREENING EFFECTIVENESS dB EN 50117 STANDARD

<b>TRANSFER IMPEDANCE</b>	5 ÷ 30	MHz	<0,9	mOhm/m
	30 ÷ 1000	MHz	>105	dB
	1000 ÷ 2000	MHz	>95	dB
	2000 ÷ 3000	MHz	>85	dB

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