



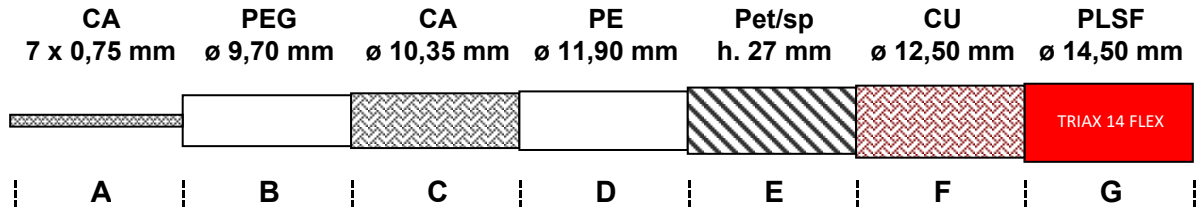
FABBRICA CAVI - ANTENNE - ACCESSORI TV



# TX 797 FLEX

BROADCASTING TRIAXIAL VIDEO CABLE

COMPLIANCE WITH CEI 20-11 CEI 20-22 / II CEI 20-35 I / II IEC 60332 I / II / III STANDARDS



## MECHANICAL DATA

<b>A</b>	<b>INNER CONDUCT.</b>	SILVERED COPPER	7 x 0,75 mm
<b>B</b>	<b>DIELECTRIC</b>	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 9,70 ± 0,20 mm
<b>C</b>	<b>1° BRAID</b>	SILVERED COPPER	192 x 0,16 mm
	- COVERAGE		75%
<b>D</b>	<b>1° SHEATH</b>	LOW DENSITY POLYETHYLENE	ø 11,90 ± 0,18 mm
<b>E</b>	<b>NON-MIGRATING</b>	POLYESTER TAPE	h. 27 mm
<b>F</b>	<b>2° BRAID</b>	PLAIN COPPER	216 x 0,15 mm
	- COVERAGE		78%
<b>G</b>	<b>2° SHEATH</b>	FLAME RETARDANT POLYVINYL-CHLORIDE	ø 14,50 ± 0,18 mm
	- COLOUR	RED - RAL 3000	
	- PRINTING	SIVA TRIAX 14 FLEX BROADCASTING CABLE	CEI 20-22 II

### MINIMUM BENDING RADIUS ( mm )

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

### TEMPERATURE RANGE

-25 °C / +80 °C

### CABLE WEIGHT ( Kg/Km )

- COPPER	109,6
- PLASTIC	129,9
- TOTAL	240,3

## ELECTRICAL PROPERTIES at 20°C

<b>IMPEDANCE</b>	75 ± 3 Ohm
<b>CAPACITANCE</b>	56 pF/m
<b>VELOCITY RATIO</b>	80%

### RESISTANCE

- INNER CONDUCT.	6 Ohm/Km
- BRAID	6 Ohm/Km
- BRAID	4 Ohm/Km

### INSULATION RESISTANCE

- INNER CONDUCT. / 1° BRAID	>10 <sup>4</sup>	MOhm/Km
- 1° BRAID / 2° BRAID	>10 <sup>3</sup>	MOhm/Km

### ATTENUATIONS dB/100 m.

5 MHz	0,6	300 MHz	7,7	2150 MHz	21,1
10 MHz	0,7	600 MHz	9,9	2400 MHz	22,0
50 MHz	2,6	1000 MHz	12,8	2750 MHz	23,5
100 MHz	3,8	1500 MHz	17,1	3000 MHz	24,3

### STRUCTURAL RETURN LOSS dB

30 ÷ 300 MHz	>28	1000 ÷ 2000 MHz	>19
300 ÷ 600 MHz	>26	2000 ÷ 3000 MHz	>18
600 ÷ 1000 MHz	>22	..... ÷ .....	MHz -

### SCREENING EFFECTIVENESS dB

100 ÷ 900 MHz	>75
900 ÷ 2000 MHz	-
2000 ÷ 3000 MHz	-

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