



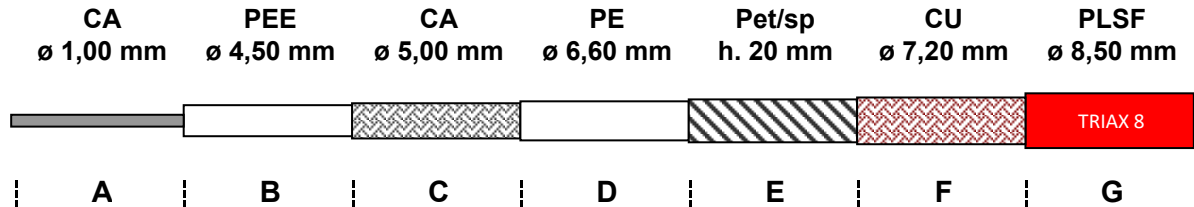
FABBRICA CAVI - ANTENNE - ACCESSORI TV



# TX 741

BROADCASTING TRIAXIAL VIDEO CABLE SDI AND HD-SD

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	.....	ø 1,00 mm
<b>B</b>	<b>DIELECTRIC</b>	FOAM POLYETHYLENE	.....	ø 4,50 ± 0,10 mm
<b>C</b>	<b>1° BRAID</b>	SILVERED COPPER	.....	168 x 0,13 mm
	- COVERAGE		.....	95%
<b>D</b>	<b>1° SHEATH</b>	LOW DENSITY POLYETHYLENE	.....	ø 6,60 ± 0,10 mm
<b>E</b>	<b>NON-MIGRATING</b>	POLYESTER TAPE	.....	h. 20 mm
<b>F</b>	<b>2° BRAID</b>	PLAIN COPPER	.....	192 x 0,15 mm
	- COVERAGE		.....	94%
<b>G</b>	<b>2° SHEATH</b>	FLAME RETARDANT POLYVINYL-CHLORIDE		ø 8,50 ± 0,10 mm
	- COLOUR	RED - RAL 3000		
	- PRINTING	SIVA TRIAX 8	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	63,3
- PLASTIC	47,4
- TOTAL	111,2

## ELECTRICAL PROPERTIES at 20°C

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

<b>RESISTANCE</b>	
- INNER CONDUCT.	22,5 Ohm/Km
- BRAID	7 Ohm/Km
- BRAID	7,5 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	1,5	300 MHz	13,8	2150 MHz	42,6
10 MHz	2,2	600 MHz	20,8	2400 MHz	46,1
50 MHz	5,2	1000 MHz	28,0	2750 MHz	50,6
100 MHz	7,6	1500 MHz	34,9	3000 MHz	52,8

### STRUCTURAL RETURN LOSS dB

30 ÷ 300 MHz	>30	1000 ÷ 2000 MHz	>18
300 ÷ 600 MHz	>29	2000 ÷ 3000 MHz	>16
600 ÷ 1000 MHz	>28	..... ÷ .....	MHz -

### SCREENING EFFECTIVENESS dB

100 ÷ 900 MHz	>76
900 ÷ 2000 MHz	-
2000 ÷ 3000 MHz	-

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