



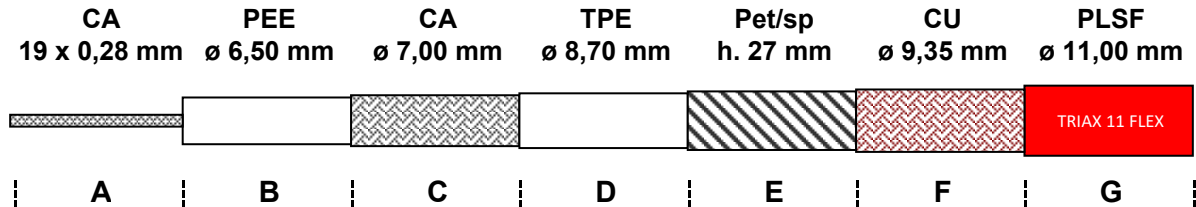
FABBRICA CAVI - ANTENNE - ACCESSORI TV



# TX 765 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	19 x 0,28 mm
<b>B</b>	<b>DIELECTRIC</b>	FOAM POLYETHYLENE	ø 6,50 ± 0,15 mm
<b>C</b>	<b>1° BRAID</b>	SILVERED COPPER	144 x 0,13 mm
	- COVERAGE		84%
<b>D</b>	<b>1° SHEATH</b>	THERMOPLASTIC ELASTOMER	ø 8,70 ± 0,10 mm
<b>E</b>	<b>NON-MIGRATING</b>	POLYESTER TAPE	h. 27 mm
<b>F</b>	<b>2° BRAID</b>	PLAIN COPPER	168 x 0,16 mm
	- COVERAGE		88%
<b>G</b>	<b>2° SHEATH</b>	FLAME RETARDANT POLYVINYL-CHLORIDE	ø 11,00 ± 0,18 mm
	- COLOUR	RED - RAL 3000	
	- PRINTING	SIVA TRIAX 11 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	75,9
- PLASTIC	80,6
- TOTAL	157,3

## 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.	15,5 Ohm/Km
- BRAID	13,0 Ohm/Km
- BRAID	8,5 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	1,2	300 MHz	11,6	2150 MHz	35,0
10 MHz	1,7	600 MHz	17,1	2400 MHz	37,7
50 MHz	4,4	1000 MHz	22,4	2750 MHz	41,3
100 MHz	6,2	1500 MHz	28,5	3000 MHz	43,1

### STRUCTURAL RETURN LOSS dB

30 ÷ 300 MHz	>28	1000 ÷ 2000 MHz	>16
300 ÷ 600 MHz	>25	2000 ÷ 3000 MHz	>15
600 ÷ 1000 MHz	>23	..... ÷ .....	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.