



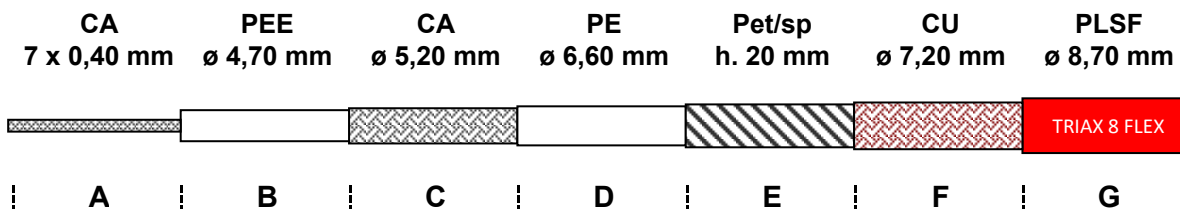
FABBRICA CAVI - ANTENNE - ACCESSORI TV



TX 747 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

A	INNER CONDUCT.	SILVERED COPPER	7 x 0,40 mm
B	DIELECTRIC	FOAM POLYETHYLENE	ø 4,70 ± 0,10 mm
C	1° BRAID	SILVERED COPPER	168 x 0,13 mm
	- COVERAGE		94%
D	1° SHEATH	LOW DENSITY POLYETHYLENE	ø 6,60 ± 0,10 mm
E	NON-MIGRATING	POLYESTER TAPE	h. 20 mm
F	2° BRAID	PLAIN COPPER	192 x 0,15 mm
	- COVERAGE		94%
G	2° SHEATH	FLAME RETARDANT POLYVINYL-CHLORIDE	ø 8,70 ± 0,10 mm
	- COLOUR	RED - RAL 3000	
	- PRINTING	SIVA TRIAX 8 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	64,5
- PLASTIC	51,1
- TOTAL	116,1

ELECTRICAL PROPERTIES at 20°C

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

RESISTANCE	
- INNER CONDUCT.	20,5 Ohm/Km
- BRAID	7,3 Ohm/Km
- BRAID	7,5 Ohm/Km

INSULATION RESISTANCE

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

ATTENUATIONS dB/100 m.

5 MHz	1,5	300 MHz	14,0	2150 MHz	43,4
10 MHz	2,2	600 MHz	21,2	2400 MHz	47,0
50 MHz	5,2	1000 MHz	28,5	2750 MHz	51,6
100 MHz	7,7	1500 MHz	35,5	3000 MHz	53,8

STRUCTURAL RETURN LOSS dB

30 ÷ 300 MHz	>27	1000 ÷ 2000 MHz	>17
300 ÷ 600 MHz	>23	2000 ÷ 3000 MHz	>15
600 ÷ 1000 MHz	>20	 ÷	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.