



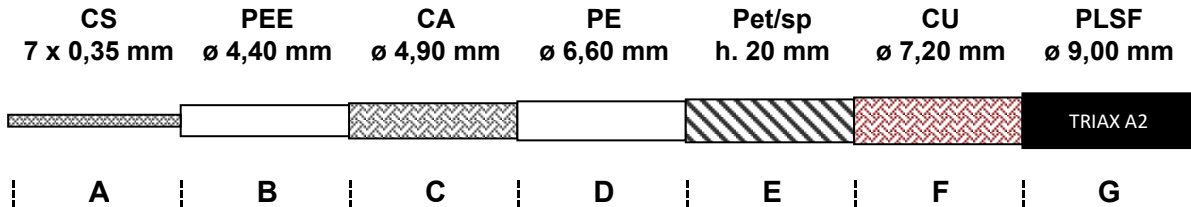
FABBRICA CAVI - ANTENNE - ACCESSORI TV



TX 744 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.	TINNED COPPER	7 x 0,35 mm
B	DIELECTRIC	FOAM POLYETHYLENE	ø 4,40 ± 0,10 mm
C	1° BRAID	SILVERED COPPER	168 x 0,13 mm
	- COVERAGE		97%
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	168 x 0,15 mm
	- COVERAGE		93%
G	2° SHEATH	FLAME RETARDANT POLYVINYL-CHLORIDE	ø 9,00 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	SIVA TRIAX A2 BROADCASTING CABLE	

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	62,0
- PLASTIC	59,3
- TOTAL	121,8

ELECTRICAL PROPERTIES at 20°C

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

RESISTANCE	
- INNER CONDUCT.	26,0 Ohm/Km
- BRAID	8,5 Ohm/Km
- BRAID	6 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	1,6	300 MHz	14,7	2150 MHz	45,3
10 MHz	2,4	600 MHz	22,3	2400 MHz	49,1
50 MHz	5,5	1000 MHz	29,9	2750 MHz	53,9
100 MHz	8,1	1500 MHz	34,6	3000 MHz	56,2

STRUCTURAL RETURN LOSS dB

30 ÷ 300 MHz	>30	1000 ÷ 2000 MHz	>20
300 ÷ 600 MHz	>25	2000 ÷ 3000 MHz	>18
600 ÷ 1000 MHz	>23 ÷	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.