

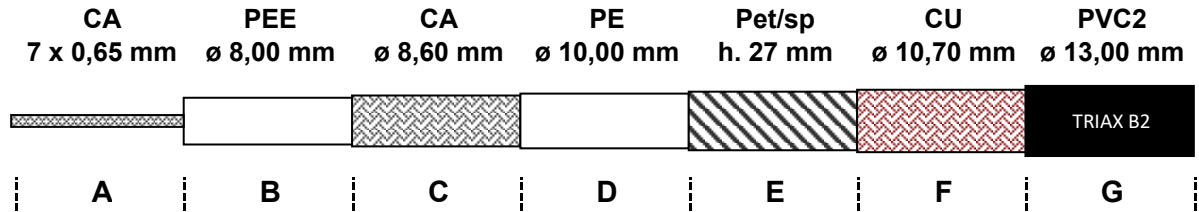


FABBRICA CAVI - ANTENNE - ACCESSORI TV



TX 780 FLEX

BROADCASTING TRIAXIAL VIDEO CABLE



MECHANICAL DATA

A	INNER CONDUCT.	SILVERED COPPER	7 x 0,65 mm
B	DIELECTRIC	FOAM POLYETHYLENE	ø 8,00 ± 0,15 mm
C	1° BRAID	SILVERED COPPER - COVERAGE	216 x 0,15 mm 92%
D	1° SHEATH	LOW DENSITY POLYETHYLENE	ø 10,00 ± 0,10 mm
E	NON-MIGRATING	POLYESTER TAPE	h. 27 mm
F	2° BRAID	PLAIN COPPER - COVERAGE	216 x 0,18 mm 90%
G	2° SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 13,00 ± 0,30 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	SIVA TRIAX B2 BROADCASTING CABLE	

MINIMUM BENDING RADIUS (mm)

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

TEMPERATURE RANGE -30 °C / +70 °C

CABLE WEIGHT (Kg/Km)

- COPPER	118,0
- PLASTIC	106,0
- TOTAL	224,8

ELECTRICAL PROPERTIES at 20°C

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

RESISTANCE	
- INNER CONDUCT.	7,8 Ohm/Km
- BRAID	5,8 Ohm/Km
- BRAID	3,5 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	0,8	300 MHz	9,4	2150 MHz	30,8
10 MHz	1,0	600 MHz	14,0	2400 MHz	33,2
50 MHz	3,4	1000 MHz	18,8	2750 MHz	36,7
100 MHz	5,0	1500 MHz	24,8	3000 MHz	38,5

STRUCTURAL RETURN LOSS dB

30 ÷ 300 MHz	>30	1000 ÷ 2000 MHz	>20
300 ÷ 600 MHz	>28	2000 ÷ 3000 MHz	>18
600 ÷ 1000 MHz	>24 ÷	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.