



FABBRICA CAVI - ANTENNE - ACCESSORI TV

RF 50 LTA

DOUBLE SCREENED 50 OHM
RF COAXIAL CABLE

Class CPR **E_{ca}**

CS PEE LTA CS PVC2
7 x 0,25 mm ø 2,00 mm ø 2,10 mm ø 2,50 mm ø 3,60 mm



| A | B | C | D | E |

MECHANICAL DATA

A	INNER CONDUCTOR	TINNED COPPER	7 x 0,25 mm
B	DIELECTRIC	FOAM POLYETHYLENE	ø 2,00 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h.8 mm
	- COVERAGE		100%
D	BRAID	TINNED COPPER	48 x 0,12 mm
	- COVERAGE		64%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 3,60 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	## METER ##	
MINI LOW LOSS 50 OHM 7 x 0,25 / 2,00 / 3,60			
MADE IN ITALY CE 56 WEEK/YEAR EN 50575:2014 + A1:2016 Eca			

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 8,2
- PLASTIC 9,3
- TOTAL 18,3

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 95 pF/m

VELOCITY RATIO 75%

RESISTANCE

- INNER CONDUCT. 53 Ohm/Km
- BRAID 28 Ohm/Km

TENSION

- SHEATH SPARK TESTING 2,5 kV

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	4,3	
10	MHz	5,9	
50	MHz	13,0	
100	MHz	17,3	
200	MHz	24,2	
400	MHz	35,0	

MAX. POWER RATING W

		dB	W
500	MHz	39,6	
600	MHz	43,3	
800	MHz	50,6	
1000	MHz	57,2	
1350	MHz	65,2	
1500	MHz	70,9	

		dB	W
1750	MHz	76,7	
2150	MHz	86,6	
2250	MHz	88,3	
2500	MHz	96,3	
2750	MHz	100,5	
3000	MHz	107,8	

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>27	1000 ÷ 2000	MHz	>16
300 ÷ 600	MHz	>24	2000 ÷ 3000	MHz	>13
600 ÷ 1000	MHz	>20 ÷	MHz	-

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>85
900 ÷ 2000	MHz	>75
2000 ÷ 3000	MHz	>65

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