



FABBRICA CAVI - ANTENNE - ACCESSORI TV



RF 8 MINI

50 OHM RF COAXIAL CABLE

COMPLIANCE WITH CEI 20-11 CEI 20-22 / II CEI 20-35 I / II IEC 60332 I / II / III STANDARDS

CU PEG CU PLSF
19 x 0,28 mm ø 3,90 mm ø 4,30 mm ø 6,10 mm



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	19 x 0,28 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 3,90 ± 0,10 mm
C	BRAID	PLAIN COPPER	128 x 0,12 mm
		- COVERAGE	89%
D	SHEATH	FLAME RETARDANT POLYVINYL-CHLORIDE	ø 6,10 ± 0,10 mm
	- COLOUR	GREY - RAL 7001	
	- PRINTING		

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 25,3
- PLASTIC 28,7
- TOTAL 54,0

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 80%

RESISTANCE

- INNER CONDUCT. 15,5 Ohm/Km
- BRAID 14 Ohm/Km

TENSION

- SHEATH 2,5 kV
- SPARK TESTING

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,1	
10	MHz	3,0	
30	MHz	5,6	
50	MHz	7,3	
150	MHz	13,1	
220	MHz	16,0	

MAX. POWER RATING W

		dB	W
450	MHz	23,6	
600	MHz	27,5	
800	MHz	32,4	
900	MHz	34,5	
1000	MHz	36,6	
1500	MHz	46,5	

		dB	W
1800	MHz	52,0	
2000	MHz	54,8	
2500	MHz	64,3	
3000	MHz	71,0	
5200	MHz	-	
5800	MHz	-	

STRUCTURAL RETURN LOSS dB

30 ÷ 450	MHz	>28	2000 ÷ 3000	MHz	>19
450 ÷ 1000	MHz	>25	3000 ÷ 4000	MHz	>19
1000 ÷ 2000	MHz	>22	4000 ÷ 5800	MHz	>10

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>57
900 ÷ 2000	MHz	
2000 ÷ 3000	MHz	

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