



FABBRICA CAVI - ANTENNE - ACCESSORI TV



RG 58 URM = URM 76

50 OHM RF COAXIAL CABLE

Class CPR **E_{ca}**

CU PE CU PVC2
7 x 0,32 mm ø 2,95 mm ø 3,45 mm ø 5,00 mm



A B C D

MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	7 x 0,32 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	ø 2,95 ± 0,10 mm
C	BRAID	PLAIN COPPER	96 x 0,12 mm
	- COVERAGE		86%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 5,00 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	URM 76 50 Ohm	
		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 15,4
- PLASTIC 21,5
- TOTAL 36,9

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	50 ± 3 Ohm	RESISTANCE	
CAPACITANCE	100 pF/m	- INNER CONDUCT.	32 Ohm/Km
VELOCITY RATIO	66%	- BRAID	17,5 Ohm/Km
		TENSION	
		- SHEATH	4,0 kV
		- SPARK TESTING	

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,8	849
10	MHz	4,1	600
30	MHz	7,5	346
50	MHz	9,7	268
150	MHz	17,4	155
220	MHz	21,3	128

MAX. POWER RATING W

		dB	W
450	MHz	31,6	89
600	MHz	37,2	77
800	MHz	43,7	67
900	MHz	46,7	63
1000	MHz	49,9	60
1500	MHz	63,8	49

		dB	W
1800	MHz	71,1	44
2000	MHz	76,0	43
2500	MHz	87,1	38
3000	MHz	96,3	35
5200	MHz	142,8	26
5800	MHz	156,0	25

STRUCTURAL RETURN LOSS dB

30 ÷ 450	MHz	>28	2000 ÷ 3000	MHz	>20
450 ÷ 1000	MHz	>25	3000 ÷ 4000	MHz	>18
1000 ÷ 2000	MHz	>22	4000 ÷ 5800	MHz	>16

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.