



FABBRICA CAVI - ANTENNE - ACCESSORI TV

RG 59 GR

75 OHM RF COAXIAL CABLE

Class CPR **E_{ca}**

CW PE CU PVC2
 ø 0,58 mm ø 3,70 mm ø 4,10 mm ø 5,90 mm



|| A || B || C || D ||

MECHANICAL DATA

A	INNER CONDUCTOR	COPPERWELD	ø 0,58 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	ø 3,70 ± 0,10 mm
C	BRAID	PLAIN COPPER	80 x 0,10 mm
	- COVERAGE		56%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 5,90 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	M17/29-RG59 RG 59 GR 75 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 8,1
- PLASTIC 31,1
- TOTAL 39,2

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 3 Ohm	RESISTANCE	
CAPACITANCE	67 pF/m	- INNER CONDUCT.	166 Ohm/Km
VELOCITY RATIO	66%	- BRAID	26 Ohm/Km
		TENSION	
		- SHEATH	4,5 kV
		SPARK TESTING	

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,4	
10	MHz	3,3	
50	MHz	7,6	
100	MHz	11,2	
200	MHz	16,3	
400	MHz	23,5	

MAX. POWER RATING W

		dB	W
500	MHz	26,5	
600	MHz	29,6	
800	MHz	34,6	
1000	MHz	39,2	
1350	MHz	47,0	
1500	MHz	50,1	

		dB	W
1750	MHz	55,3	
2150	MHz	63,2	
2250	MHz	64,6	
2500	MHz	69,8	
2750	MHz	72,8	
3000	MHz	76,1	

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>31	1000 ÷ 2000	MHz	>18
300 ÷ 600	MHz	>28	2000 ÷ 3000	MHz	>14
600 ÷ 1000	MHz	>24 ÷	MHz	-

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>43
900 ÷ 2000	MHz	-
2000 ÷ 3000	MHz	-

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