

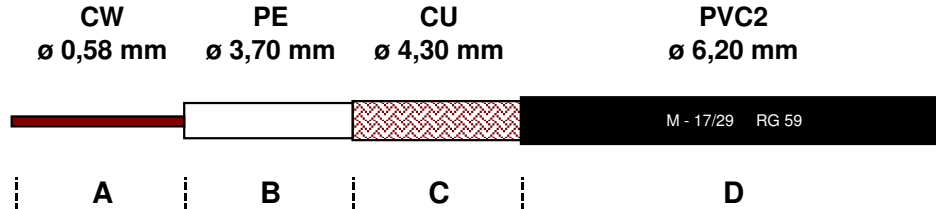


FABBRICA CAVI - ANTENNE - ACCESSORI TV



RG 59 BU

75 OHM RF COAXIAL CABLE
MANUFACTURED IN COMPLIANCE WITH MIL-C-17F STANDARDS



MECHANICAL DATA

A	INNER CONDUCTOR	COPPERWELD	$\varnothing 0,58 \pm 0,025$ mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	$\varnothing 3,70 \pm 0,10$ mm
C	BRAID	PLAIN COPPER	120 x 0,15 mm
		- COVERAGE	95%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE		$\varnothing 6,20 \pm 0,10$ mm
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	M - 17/29 RG 59 MIL-C-17F RG 59 BU 75 OHM		

MINIMUM BENDING RADIUS (mm)

- SINGLE \varnothing EXTERNAL X 5
- REPEATED \varnothing EXTERNAL X 10

TEMPERATURE RANGE -30 °C / +70 °C

CABLE WEIGHT (Kg/Km)

- COPPER 22,4
- PLASTIC 33,4
- TOTAL 55,8

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 \pm 3 Ohm

CAPACITANCE 67 pF/m

VELOCITY RATIO 66%

RESISTANCE

- INNER CONDUCT. 154 Ohm/Km
- BRAID 9 Ohm/Km

TENSION

- SHEATH SPARK TESTING 4,5 kV

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,3	
10	MHz	3,1	
50	MHz	7,4	
100	MHz	10,7	
200	MHz	15,7	
400	MHz	22,7	

MAX. POWER RATING W

		dB	W
500	MHz	25,7	
600	MHz	28,7	
800	MHz	33,6	
1000	MHz	38,0	
1350	MHz	45,6	
1500	MHz	48,5	

		dB	W
1750	MHz	53,5	
2150	MHz	60,9	
2250	MHz	62,1	
2500	MHz	66,8	
2750	MHz	69,6	
3000	MHz	72,7	

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	>57
900 ÷ 2000	MHz	-
2000 ÷ 3000	MHz	-

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