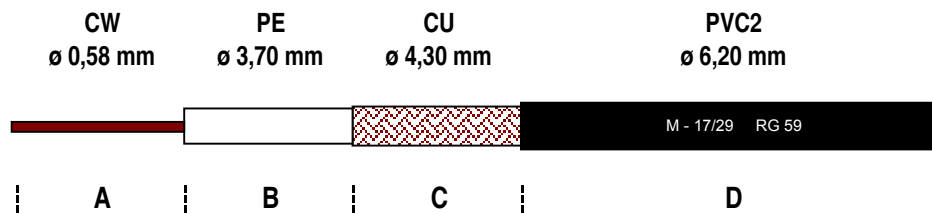


RG 59 BU

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



MECHANICAL DATA

A	INNER CONDUCTOR	COPPERWELD	ø 0,58 ± 0,025 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	ø 3,70 ± 0,10 mm
C	BRAID	PLAIN COPPER	120 x 0,15 mm
		- COVERAGE	95%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 6,20 ± 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	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10

TAMPERATURE 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 ± 3 Ohm

CAPACITANCE 67 pF/m

VELOCITY RATIO 66%

RESISTANCE

- INNER CONDUCTOR	154 Ohm/Km
- BRAID	9 Ohm/km

TENSION

- SHEATH SPARK TESTING	4,5 kV
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ATTENUATIONS dB/100 m.

5 MHz	2,3	500 MHz	25,7	1750 MHz	53,5
10 MHz	3,1	600 MHz	28,7	2150 MHz	60,9
50 MHz	7,4	800 MHz	33,6	2250 MHz	62,1
100 MHz	10,7	1000 MHz	38,0	2500 MHz	66,8
200 MHz	15,7	1350 MHz	45,6	2750 MHz	69,6
300 MHz	19,4	1500 MHz	48,5	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.