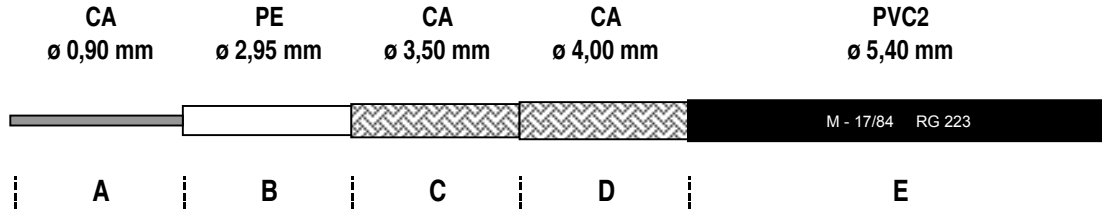


RG 223 U

DOUBLE SCREENED 50 OHM RF COAXIAL CABLE
MANUFACTURED IN COMPLIANCE WITH MIL-C-17F STANDARDS



MECHANICAL DATA

A	INNER CONDUCTOR	SILVERED COPPER	ø 0,90 ± 0,025 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	ø 2,95 ± 0,10 mm
C	1° BRAID	SILVERED COPPER - COVERAGE	112 x 0,13 mm 98%
D	2° BRAID	SILVERED COPPER - COVERAGE	112 x 0,13 mm 97%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 5,40 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	M - 17/84 RG 223 MIL-C-17F RG 223 U 50 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	38,5
- PLASTIC	21,4
- TOTAL	59,9

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	50 ± 2 Ohm	RESISTANCE	
CAPACITANCE	100 pF/m	- INNER CONDUCTOR	28 Ohm/Km
VELOCITY RATIO	66%	- BRAID	8 Ohm/Km
		TENSION	
		- SHEATH	3,5 kV
		- SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz	2,6	500 MHz	31,9	1750 MHz	66,9
10 MHz	3,7	600 MHz	35,3	2150 MHz	75,9
50 MHz	9,0	800 MHz	42,3	2250 MHz	77,7
100 MHz	13,0	1000 MHz	48,5	2500 MHz	82,5
200 MHz	19,3	1350 MHz	57,4	2750 MHz	87,0
300 MHz	23,7	1500 MHz	61,3	3000 MHz	91,2

STRUCTURAL RETURN LOSS dB

30 ÷ 300 MHz	>32	1000 ÷ 2000 MHz	>19
300 ÷ 600 MHz	>28	2000 ÷ 3000 MHz	>18
600 ÷ 1000 MHz	>23 ÷	MHz -

SCREENING EFFECTIVENESS dB

100 ÷ 900 MHz	>78
900 ÷ 2000 MHz	-
2000 ÷ 3000 MHz	-

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