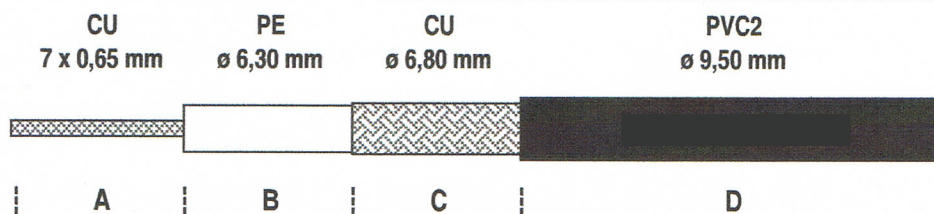


RG 213

50 OHM RF COAXIAL CABLE



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	7 x 0,65 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	$\varnothing 6,30 \pm 0,15$ mm
C	BRAID	PLAIN COPPER	144 x 0,12 mm
		- COVERAGE	70%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	$\varnothing 9,50 \pm 0,18$ mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING		

MINIMUM BENDING RADIUS (mm)

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

TAMPERATURE RANGE

-30 °C / +70 °C

CABLE WEIGHT (Kg/Km)

- COPPER	36,6
- PLASTIC	79,2
- TOTAL	115,8

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 $\pm$ 3 Ohm

CAPACITANCE 100 pF/m

VELOCITY RATIO 66%

RESISTANCE

- INNER CONDUCTOR	8 Ohm/Km
- BRAID	12 Ohm/Km

TENSION

- SHEATH	7,0 kV
- SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz	1,4	500 MHz	18,5	1750 MHz	39,5
10 MHz	2,0	600 MHz	20,6	2150 MHz	45,1
50 MHz	4,9	800 MHz	24,3	2250 MHz	46,4
100 MHz	7,4	1000 MHz	28,0	2500 MHz	50,1
200 MHz	10,8	1350 MHz	33,7	2750 MHz	53,3
300 MHz	13,6	1500 MHz	35,7	3000 MHz	57,1

STRUCTURAL RETURN LOSS dB

30 ÷ 300 MHz	>31	1000 ÷ 2000 MHz	>23
300 ÷ 600 MHz	>28	2000 ÷ 3000 MHz	>20
600 ÷ 1000 MHz	>26	 ÷	-

SCREENING EFFECTIVENESS dB

100 ÷ 900 MHz	>50
900 ÷ 2000 MHz	-
2000 ÷ 3000 MHz	-

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