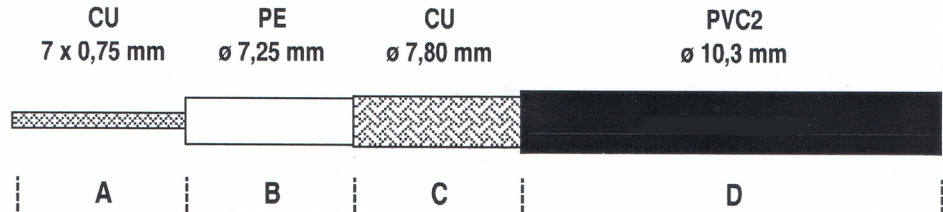


RG 213 TY

50 OHM RF COAXIAL CABLE



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	7 x 0,75 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	ø 7,25 ± 0,18 mm
C	BRAID	PLAIN COPPER	240 x 0,13 mm
	- COVERAGE		93%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 10,3 ± 0,18 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING		

MINIMUM BENDING RADIUS (mm)

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER	59,9
- PLASTIC	89,8
- TOTAL	149,7

TAMPERATURE RANGE -30 °C / +70 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	50 ± 3 Ohm
CAPACITANCE	100 pF/m
VELOCITY RATIO	66%

RESISTANCE	
- INNER CONDUCTOR	6 Ohm/Km
- BRAID	5 Ohm/Km
TENSION	
- SHEATH SPARK TESTING	6,0 kV

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1,3	
10	MHz	1,9	
50	MHz	4,5	
100	MHz	6,6	
200	MHz	9,8	
300	MHz	11,9	

MAX. POWER RATING W

		dB	W
500	MHz	15,8	
600	MHz	17,5	
800	MHz	21,0	
1000	MHz	23,9	
1350	MHz	29,2	
1500	MHz	31,2	

		dB	W
1750	MHz	34,6	
2150	MHz	39,9	
2250	MHz	40,8	
2500	MHz	44,0	
2750	MHz	47,1	
3000	MHz	50,4	

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>31	1000 ÷ 2000	MHz	>24
300 ÷ 600	MHz	>28	2000 ÷ 3000	MHz	>22
600 ÷ 1000	MHz	>27 ÷	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.