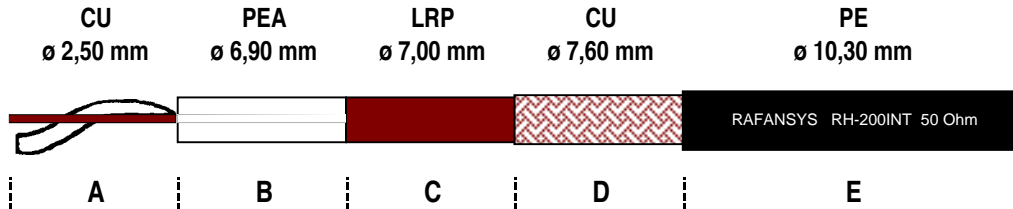


RH 200 INT

DOUBLE SCREENED 50 OHM RF COAXIAL CABLE



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	ø 2,50 mm
B	DIELECTRIC	AIRED POLYETHYLENE	.....	ø 6,90 ± 0,20 mm
C	SHIELD	COPPER + POLYESTER TAPE	.....	h.27 mm
		- COVERAGE	.....	100%
D	BRAID	PLAIN COPPER	.....	192 x 0,15 mm
		- COVERAGE	.....	96%
E	SHEATH	CARBON BLACK - RAL 9004 POLYETHYLENE	.....	ø 10,3 ± 0,20 mm
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	RH 200 INT 50 OHM LOW LOSS CABLE		

MINIMUM BENDING RADIUS (mm)

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

TAMPERATURE RANGE

-40 °C / +75 °C

CABLE WEIGHT (Kg/Km)

- COPPER	88,5
- PLASTIC	59,0
- TOTAL	147,5

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCTOR	3,7 Ohm/Km
- BRAID	5,5 Ohm/Km

TENSION

- SHEATH SPARK TESTING	9,5 kV
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ATTENUATIONS dB/100 m.

		dB	W
5	MHz	0,9	
10	MHz	1,2	
50	MHz	2,5	
100	MHz	3,6	
200	MHz	5,3	
300	MHz	6,7	

MAX. POWER RATING W

		dB	W
500	MHz	9,0	
600	MHz	10,0	
800	MHz	11,7	
1000	MHz	13,2	
1350	MHz	15,8	
1500	MHz	16,6	

		dB	W
1750	MHz	18,7	
2150	MHz	20,6	
2250	MHz	21,2	
2500	MHz	22,6	
2750	MHz	23,8	
3000	MHz	25,1	

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>25	1000 ÷ 2000	MHz	>17
300 ÷ 600	MHz	>22	2000 ÷ 3000	MHz	>16
600 ÷ 1000	MHz	>18	..... ÷ .....	MHz	-

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>85
900 ÷ 2000	MHz	>75
2000 ÷ 3000	MHz	>65

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