

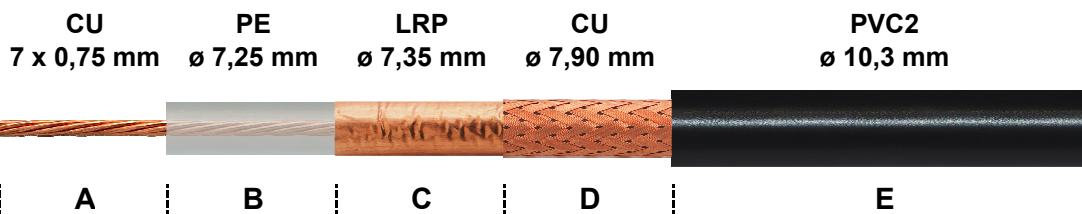


FABBRICA CAVI - ANTENNE - ACCESSORI TV

RG 213 LRP

DOUBLE SCREENED 50 OHM RF COAXIAL CABLE

Classe CPR **E_{ca}**



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	7 x 0,75 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	ø 7,25 ± 0,18 mm
C	SHIELD	COPPER + POLYESTER TAPE	h.27 mm
		- COVERAGE	100%
D	BRAID	PLAIN COPPER	240 x 0,13 mm
		- COVERAGE	93%
E	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

TEMPERATURE RANGE -30 °C / +70 °C

CABLE WEIGHT (Kg/Km)

- **COPPER** 60,4
- **PLASTIC** 88,0
- **TOTAL** 154,4

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 100 pF/m

VELOCITY RATIO 66%

RESISTANCE

- **INNER CONDUCT.** 6,0 Ohm/Km
- **BRAID** 4,6 Ohm/Km

TENSION

- **SHEATH SPARK TESTING** 6,0 kV

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1,1	
10	MHz	1,5	
50	MHz	3,8	
100	MHz	5,5	
200	MHz	8,0	
400	MHz	11,6	

MAX. POWER RATING W

		dB	W
500	MHz	13,2	
600	MHz	14,5	
800	MHz	17,0	
1000	MHz	19,6	
1350	MHz	23,6	
1500	MHz	24,7	

		dB	W
1750	MHz	27,2	
2150	MHz	30,7	
2250	MHz	31,5	
2500	MHz	33,9	
2750	MHz	36,1	
3000	MHz	37,8	

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

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