

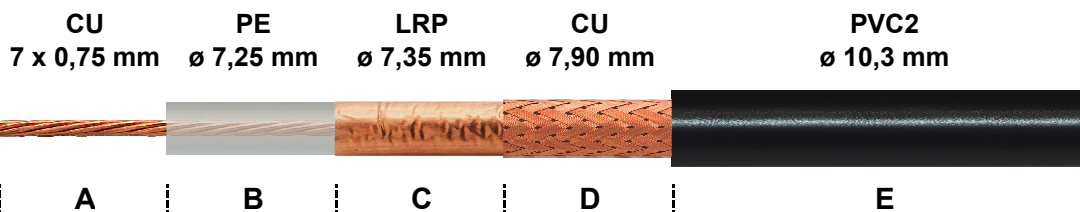


FABBRICA CAVI - ANTENNE - ACCESSORI TV

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	3536
10	MHz	1,5	2500
30	MHz	2,9	1443
50	MHz	3,8	1118
150	MHz	6,9	645
220	MHz	8,4	533

MAX. POWER RATING W

		dB	W
450	MHz	12,4	373
600	MHz	14,5	323
800	MHz	17,0	280
900	MHz	18,3	264
1000	MHz	19,6	250
1500	MHz	24,7	204

		dB	W
1800	MHz	27,6	186
2000	MHz	29,6	177
2500	MHz	33,9	158
3000	MHz	37,8	144
5200	MHz	57,5	110
5800	MHz	62,6	104

STRUCTURAL RETURN LOSS dB

30 ÷ 450	MHz	>28	2000 ÷ 3000	MHz	>25
450 ÷ 1000	MHz	>27	3000 ÷ 4000	MHz	>22
1000 ÷ 2000	MHz	>26	4000 ÷ 5800	MHz	>16

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>85
900 ÷ 2000	MHz	-
2000 ÷ 3000	MHz	-

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