

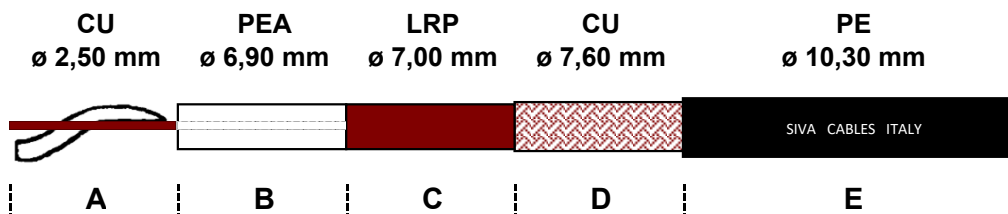


FABBRICA CAVI - ANTENNE - ACCESSORI TV

RH 200 INT

DOUBLE SCREENED 50 OHM RF COAXIAL CABLE

Class CPR **F_{ca}**



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 POLYETHYLENE	.....	ø 10,3 ± 0,20 mm
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	RH 200 INT 50 OHM	LOW LOSS CABLE	2,50 / 6,90 / 10,30

MINIMUM BENDING RADIUS (mm)

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

TEMPERATURE 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 CONDUCT.	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	1,0	4243
10	MHz	1,3	3000
30	MHz	2,1	1732
50	MHz	2,8	1342
150	MHz	4,8	775
220	MHz	5,8	640

MAX. POWER RATING W

		dB	W
450	MHz	8,6	447
600	MHz	10,2	387
800	MHz	11,8	335
900	MHz	12,6	316
1000	MHz	13,4	300
1500	MHz	16,7	245

		dB	W
1800	MHz	18,5	224
2000	MHz	19,7	212
2500	MHz	22,2	190
3000	MHz	24,6	173
5200	MHz	34,1	132
5800	MHz	36,2	125

STRUCTURAL RETURN LOSS dB

30 ÷ 450	MHz	>23	2000 ÷ 3000	MHz	>16
450 ÷ 1000	MHz	>18	3000 ÷ 4000	MHz	>14
1000 ÷ 2000	MHz	>17	4000 ÷ 5800	MHz	>13

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.