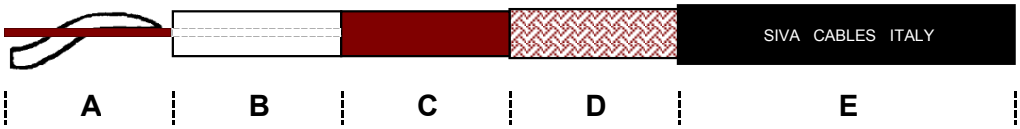
FABBRICA CAVI - ANTENNE - ACCESSORI TV

RH 200 INT

DOUBLE SCREENED 50 OHM RF COAXIAL CABLE

Class CPR F_{ca}

CU	PEA	LRP	CU	PE
ø 2,50 mm	ø 6,90 mm	ø 7,00 mm	ø 7,60 mm	ø 10,30 mm



A B C D E

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

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	100 ÷ 900	MHz	>85
450 ÷ 1000	MHz	>18	3000 ÷ 4000	MHz	>14	900 ÷ 2000	MHz	>75
1000 ÷ 2000	MHz	>17	4000 ÷ 5800	MHz	>13	2000 ÷ 3000	MHz	>65

SCREENING EFFECTIVENESS dB

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

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