

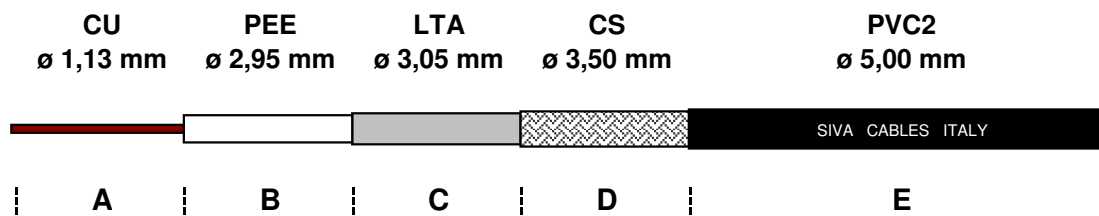


FABBRICA CAVI - ANTENNE - ACCESSORI TV



# RF 200 LTA

## DOUBLE SCREENED 50 OHM RF COAXIAL CABLE



### MECHANICAL DATA

<b>A</b>	<b>INNER CONDUCTOR</b>	PLAIN COPPER	.....	<b>ø 1,13 mm</b>
<b>B</b>	<b>DIELECTRIC</b>	FOAM POLYETHYLENE	.....	<b>ø 2,95 ± 0,10 mm</b>
<b>C</b>	<b>SHIELD</b>	ALUMINIUM + POLYESTER + ALUMINIUM TAPE		<b>h. 12 mm</b>
		- COVERAGE	.....	<b>100%</b>
<b>D</b>	<b>BRAID</b>	TINNED COPPER	.....	<b>112 x 0,12 mm</b>
		- COVERAGE	.....	<b>90%</b>
<b>E</b>	<b>SHEATH</b>	NON-CONTAMINATING POLYVINYL-CHLORIDE		<b>ø 5,00 ± 0,10 mm</b>
	- COLOUR	<b>BLACK - RAL 9004</b>		
	- PRINTING	<b>RF 200 LTA 50 OHM</b>	<b>LOW LOSS CABLE</b>	<b>1,13 / 2,95 / 5,00</b>

### 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** 21,1
- **PLASTIC** 17,8
- **TOTAL** 39,9

### ELECTRICAL PROPERTIES at 20°C

**IMPEDANCE** 50 ± 3 Ohm

**CAPACITANCE** 80 pF/m

**VELOCITY RATIO** 80%

### RESISTANCE

- **INNER CONDUCT.** 17,2 Ohm/Km
- **BRAID** 18,0 Ohm/Km

### TENSION

- **SHEATH SPARK TESTING** 3,5 kV

### ATTENUATIONS dB/100 m.

		<b>dB</b>	<b>W</b>
5	MHz	2,4	
10	MHz	3,2	
50	MHz	7,2	
100	MHz	9,6	
200	MHz	13,4	
400	MHz	19,4	

### MAX. POWER RATING W

		<b>dB</b>	<b>W</b>
500	MHz	22,0	
600	MHz	24,5	
800	MHz	28,6	
1000	MHz	32,2	
1350	MHz	38,3	
1500	MHz	41,5	

		<b>dB</b>	<b>W</b>
1750	MHz	45,2	
2150	MHz	50,9	
2250	MHz	51,5	
2500	MHz	56,1	
2750	MHz	58,5	
3000	MHz	63,0	

### STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>27	1000 ÷ 2000	MHz	>17
300 ÷ 600	MHz	>24	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.