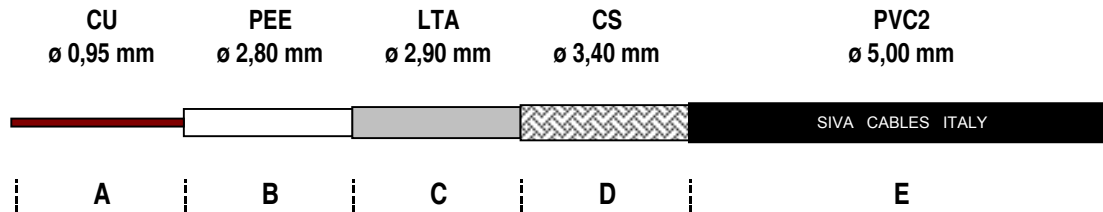


RF 195 LTA

DOUBLE SCREENED 50 OHM RF COAXIAL CABLE



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	ø 0,95 mm
B	DIELECTRIC	FOAM POLYETHYLENE	.....	ø 2,80 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	.....	h. 12 mm
		- COVERAGE	.....	100%
D	BRAID	TINNED COPPER	.....	128 x 0,12 mm
		- COVERAGE	.....	96%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	.....	ø 5,00 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004		
	- PRINTING			

MINIMUM BENDING RADIUS (mm)

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

TAMPERATURE RANGE -30 °C / +70 °C

CABLE WEIGHT (Kg/Km)

- COPPER	19,9
- PLASTIC	19,0
- TOTAL	39,9

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 80%

RESISTANCE

- INNER CONDUCTOR	25,2 Ohm/Km
- BRAID	16 Ohm/Km

TENSION

- SHEATH SPARK TESTING	4,0 kV
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ATTENUATIONS dB/100 m.

5 MHz	2,8	500 MHz	25,9	1750 MHz	52,2
10 MHz	3,9	600 MHz	28,7	2150 MHz	58,9
50 MHz	8,5	800 MHz	33,2	2250 MHz	60,1
100 MHz	11,3	1000 MHz	37,5	2500 MHz	65,6
200 MHz	15,8	1350 MHz	44,1	2750 MHz	68,4
300 MHz	19,6	1500 MHz	48,2	3000 MHz	73,4

STRUCTURAL RETURN LOSS dB

30 ÷ 300 MHz	>28	1000 ÷ 2000 MHz	>16
300 ÷ 600 MHz	>24	2000 ÷ 3000 MHz	>15
600 ÷ 1000 MHz	>19	..... ÷ .....	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.