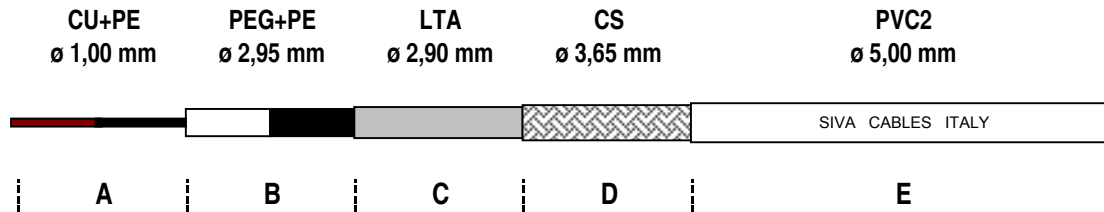


RF 58 LTA

DOUBLE SCREENED 50 OHM RF COAXIAL CABLE



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER + CARBON BLACK - RAL 9004 POLYETHYLENE	ø 1,00 mm
B	DIELECTRIC	GAS INJECTED FOAM POLYETHYLENE + CARBON BLACK - RAL 9004 POLYETHYLENE	ø 2,95 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 12 mm
	- COVERAGE		100%
D	BRAID	TINNED COPPER	64 x 0,15 mm
	- COVERAGE		73%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 5,00 ± 0,10 mm
	- COLOUR	WHITE - RAL 9001	
	- 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	17,8
- PLASTIC	16,6
- TOTAL	35,4

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 80%

RESISTANCE

- INNER CONDUCTOR	22,5 Ohm/Km
- BRAID	20,5 Ohm/Km

TENSION

- SHEATH SPARK TESTING	3,0 kV
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ATTENUATIONS dB/100 m.

5 MHz	2,5	500 MHz	22,4	1750 MHz	45,8
10 MHz	3,3	600 MHz	24,9	2150 MHz	51,6
50 MHz	7,3	800 MHz	29,0	2250 MHz	52,3
100 MHz	9,8	1000 MHz	32,7	2500 MHz	57,0
200 MHz	13,6	1350 MHz	38,8	2750 MHz	59,4
300 MHz	16,9	1500 MHz	42,1	3000 MHz	64,0

STRUCTURAL RETURN LOSS dB

30 ÷ 300 MHz	>30	1000 ÷ 2000 MHz	>16
300 ÷ 600 MHz	>26	2000 ÷ 3000 MHz	>14
600 ÷ 1000 MHz	>20 ÷	MHz -

SCREENING EFFECTIVENESS dB

100 ÷ 900 MHz	>80
900 ÷ 2000 MHz	>70
2000 ÷ 3000 MHz	>60

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