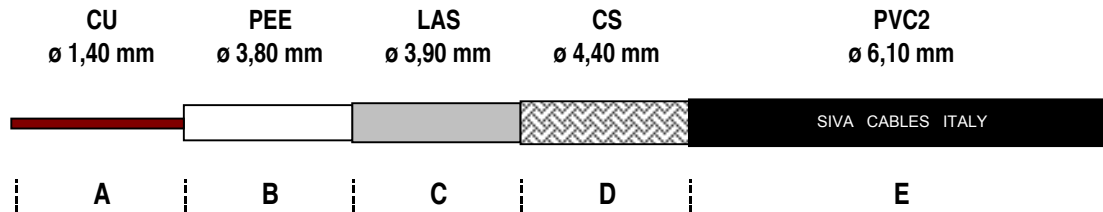


RF 240 LTA

DOUBLE SCREENED 50 OHM RF COAXIAL CABLE



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	ø 1,40 mm
B	DIELECTRIC	FOAM POLYETHYLENE	.....	ø 3,80 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM ADHESIVE TAPE	.....	h. 15 mm
		- COVERAGE	.....	100%
D	BRAID	TINNED COPPER	.....	112 x 0,12 mm
		- COVERAGE	.....	80%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	.....	ø 6,10 ± 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	25,9
- PLASTIC	25,3
- TOTAL	53,0

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCTOR	11,5 Ohm/Km
- BRAID	14,5 Ohm/Km

TENSION

- SHEATH	4,0 kV
- SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz	1,9	500 MHz	18,1	1750 MHz	36,0
10 MHz	2,5	600 MHz	20,0	2150 MHz	40,4
50 MHz	5,7	800 MHz	23,5	2250 MHz	40,8
100 MHz	7,8	1000 MHz	26,0	2500 MHz	43,7
200 MHz	11,1	1350 MHz	31,4	2750 MHz	45,9
300 MHz	13,8	1500 MHz	32,9	3000 MHz	49,9

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	>95
900 ÷ 2000 MHz	>85
2000 ÷ 3000 MHz	>75

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