

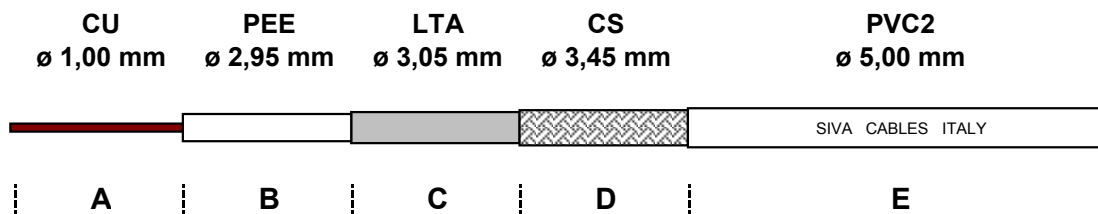


FABBRICA CAVI - ANTENNE - ACCESSORI TV

RF 58 LTA

DOUBLE SCREENED 50 OHM
RF COAXIAL CABLE

Classe CPR **E_{ca}**



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	ø 1,00 mm
B	DIELECTRIC	FOAM POLYETHYLENE	.....	ø 2,95 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE		h. 12 mm
		- COVERAGE	.....	100%
D	BRAID	TINNED COPPER	.....	96 x 0,10 mm
		- COVERAGE	.....	75%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE		ø 5,00 ± 0,10 mm
	- COLOUR	WHITE - RAL 9001		
	- PRINTING	## METER ## RF 58 LTA 50 OHM LOW LOSS CABLE 1,00 / 2,95 / 5,00		
		MADE IN ITALY CE 56 WEEK/YEAR EN 50575:2014 + A1:2016 Eca		

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** 14,2
- **PLASTIC** 18,3
- **TOTAL** 33,5

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 80%

RESISTANCE

- **INNER CONDUCT.** 22,5 Ohm/Km
- **BRAID** 20,5 Ohm/Km

TENSION

- **SHEATH** 4,0 kV
- **SPARK TESTING**

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,5	2121
10	MHz	3,3	1500
50	MHz	7,3	671
100	MHz	9,8	474
200	MHz	13,6	335
400	MHz	19,7	237

MAX. POWER RATING W

		dB	W
500	MHz	22,4	212
600	MHz	24,9	194
800	MHz	29,0	168
1000	MHz	32,7	150
1350	MHz	38,8	129
1500	MHz	42,1	122

		dB	W
1750	MHz	45,8	113
2150	MHz	51,6	102
2250	MHz	52,3	100
2500	MHz	57,0	95
2750	MHz	59,4	90
3000	MHz	64,0	87

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.