



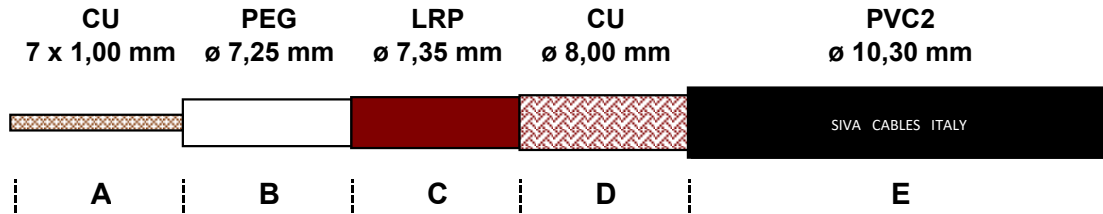
FABBRICA CAVI - ANTENNE - ACCESSORI TV



RF 400 UF

DOUBLE SCREENED 50 OHM
RF COAXIAL CABLE

Class CPR **E_{ca}**



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	7 x 1,00 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 7,25 ± 0,18 mm
C	SHIELD	COPPER + POLYESTER TAPE	h. 27 mm
		- COVERAGE	100%
D	BRAID	PLAIN COPPER	112 x 0,16 mm
		- COVERAGE	73%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 10,30 ± 0,18 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	## METER ## RF 400 UF 50 OHM LOW LOSS FLEXIBLE CABLE 7x1,00/7,25/10,30	
		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** 81,0
- **PLASTIC** 63,8
- **TOTAL** 144,8

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 84%

RESISTANCE

- **INNER CONDUCT.** 3,0 Ohm/Km
- **BRAID** 7,4 Ohm/Km

TENSION

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

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1,1	7778
10	MHz	1,5	5500
50	MHz	2,9	2460
100	MHz	4,1	1739
200	MHz	5,8	1230
400	MHz	8,4	870

MAX. POWER RATING W

		dB	W
500	MHz	9,4	778
600	MHz	10,5	710
800	MHz	12,2	615
1000	MHz	13,8	550
1350	MHz	16,3	473
1500	MHz	17,1	449

		dB	W
1750	MHz	18,8	416
2150	MHz	21,0	375
2250	MHz	21,2	367
2500	MHz	22,6	348
2750	MHz	23,9	332
3000	MHz	25,2	318

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>27	1000 ÷ 2000	MHz	>18
300 ÷ 600	MHz	>26	2000 ÷ 3000	MHz	>15
600 ÷ 1000	MHz	>22 ÷	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.