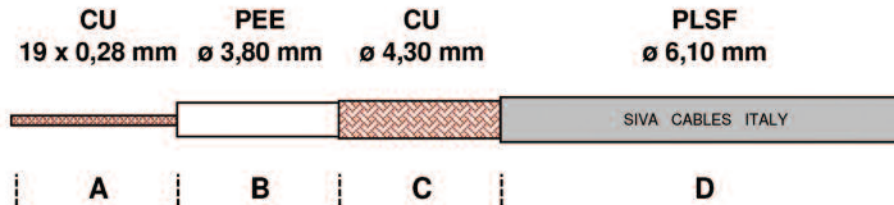


## RF 8 MINI

50 OHM RF COAXIAL CABLE

COMPLIANCE WITH CEI 20-11 CEI 20-22 / II CEI 20-35 I / II IEC 60332 I / II / III STANDARDS



### MECHANICAL DATA

<b>A</b>	<b>INNER CONDUCTOR</b>	PLAIN COPPER	19 x 0,28 mm
<b>B</b>	<b>DIELECTRIC</b>	FOAM POLYETHYLENE	ø 3,80 ± 0,10 mm
<b>C</b>	<b>BRAID</b>	PLAIN COPPER	128 x 0,12 mm
		- COVERAGE	89%
<b>D</b>	<b>SHEATH</b>	FLAME RETARDANT POLYVINYL-CHLORIDE	ø 6,10 ± 0,10 mm
	- COLOUR	GREY - RAL 7001	
	- PRINTING		

### MINIMUM BENDING RADIUS ( mm )

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

TEMPERATURE RANGE -25 °C / +80 °C

### CABLE WEIGHT ( Kg/Km )

- COPPER	25,2
- PLASTIC	29,3
- TOTAL	54,5

### ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 80%

### RESISTANCE

- INNER CONDUCT.	15,5 Ohm/Km
- BRAID	14 Ohm/Km

### TENSION

- SHEATH SPARK TESTING	4,5 kV
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### ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,1	
10	MHz	2,9	
50	MHz	7,2	
100	MHz	10,5	
200	MHz	15,2	
400	MHz	22,2	

### MAX. POWER RATING W

		dB	W
500	MHz	25,1	
600	MHz	27,6	
800	MHz	32,5	
1000	MHz	37,0	
1350	MHz	44,0	
1500	MHz	46,8	

		dB	W
1750	MHz	51,6	
2150	MHz	59,6	
2250	MHz	61,4	
2500	MHz	67,0	
2750	MHz	73,0	
3000	MHz	79,0	

### STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>26	1000 ÷ 2000	MHz	>21
300 ÷ 600	MHz	>25	2000 ÷ 3000	MHz	>20
600 ÷ 1000	MHz	>23	..... ÷ .....	MHz	-

### SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>57
900 ÷ 2000	MHz	-
2000 ÷ 3000	MHz	-