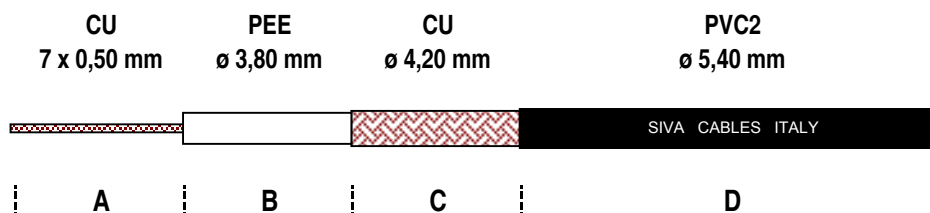


RF 58 LL

50 OHM RF COAXIAL CABLE



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	7 x 0,50
B	DIELECTRIC	FOAM POLYETHYLENE	ø 3,80 ± 0,10 mm
C	BRAID	PLAIN COPPER	176 x 0,10 mm
		- COVERAGE	94%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 5,40 ± 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	25,6
- PLASTIC	18,7
- TOTAL	44,3

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 80%

RESISTANCE

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

TENSION

- SHEATH	3,0 kV
- SPARK TESTING	

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,1	
10	MHz	2,8	
50	MHz	7,0	
100	MHz	10,2	
200	MHz	14,7	
300	MHz	18,2	

MAX. POWER RATING W

		dB	W
500	MHz	23,9	
600	MHz	26,3	
800	MHz	31,0	
1000	MHz	35,0	
1350	MHz	41,6	
1500	MHz	43,9	

		dB	W
1750	MHz	48,0	
2150	MHz	54,5	
2250	MHz	56,1	
2500	MHz	59,9	
2750	MHz	63,7	
3000	MHz	66,8	

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>30
300 ÷ 600	MHz	>27
600 ÷ 1000	MHz	>22

1000 ÷ 2000	MHz	>16
2000 ÷ 3000	MHz	>15
..... ÷	MHz	-

SCREENING EFFECTIVENESS dB

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

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