

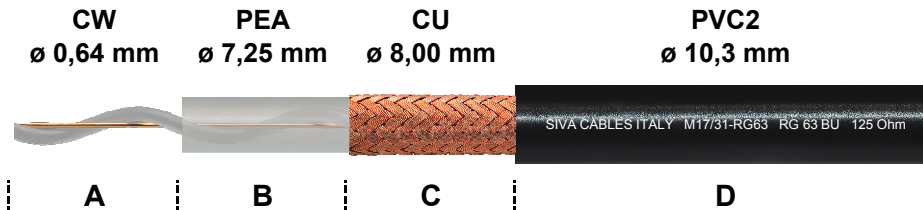


FABBRICA CAVI - ANTENNE - ACCESSORI TV



RG 63 BU

125 OHM RF COAXIAL CABLE
MANUFACTURED IN COMPLIANCE WITH MIL-C-17F STANDARDS



MECHANICAL DATA

A	INNER CONDUCTOR	COPPERWELD	.....	$\varnothing 0,64 \pm 0,025$ mm
B	DIELECTRIC	AIRED POLYETHYLENE	.....	$\varnothing 7,25 \pm 0,25$ mm
C	BRAID	PLAIN COPPER	.....	192 x 0,18 mm
		- COVERAGE	.....	97%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	.....	$\varnothing 10,30 \pm 0,25$ mm
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	M - 17/31 RG 63 MIL-C-17F RG 63 BU 125 OHM		

MINIMUM BENDING RADIUS (mm)

- SINGLE \varnothing EXTERNAL X 5
- REPEATED \varnothing EXTERNAL X 10

TEMPERATURE RANGE -30 °C / +70 °C

CABLE WEIGHT (Kg/Km)

- COPPER 51,6
- PLASTIC 71,5
- TOTAL 123,1

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 125 \pm 6 Ohm

CAPACITANCE 36 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT. 130 Ohm/Km
- BRAID 4,4 Ohm/Km

TENSION

- SHEATH
- SPARK TESTING

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1,1	
10	MHz	1,6	
50	MHz	3,6	
100	MHz	4,9	
200	MHz	7,5	
400	MHz	11,1	

MAX. POWER RATING W

		dB	W
500	MHz	12,4	
600	MHz	13,6	
800	MHz	15,9	
1000	MHz	19,0	
1350	MHz	-	
1500	MHz	-	

		dB	W
1750	MHz	-	
2150	MHz	-	
2250	MHz	-	
2500	MHz	-	
2750	MHz	-	
3000	MHz	-	

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>17	1000 ÷ 2000	MHz	-
300 ÷ 600	MHz	>17	2000 ÷ 3000	MHz	-
600 ÷ 1000	MHz	>17	..... ÷ .....	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.