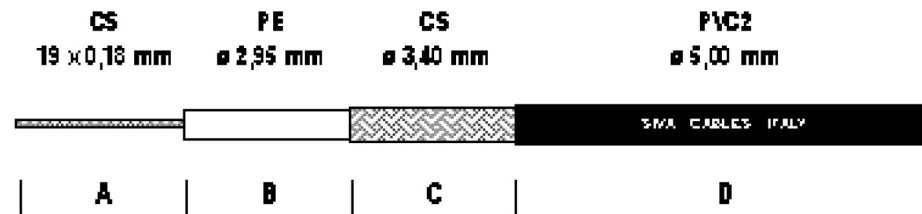


RG 058 CU

50 OHM RF COAXIAL CABLE



MECHANICAL DATA

A	INNER CONDUCTOR	TINNED COPPER		19 x 0,18 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE		2,95 ± 0,10 mm
C	BRAID	TINNED COPPER		144 x 0,10 mm
		- COVERAGE		94%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE		5,00 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004		
	- PRINTING			

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 15,1
- PLASTIC 22,2
- TOTAL 37,3

ELECTRICAL PROPERTIES at 20 °C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 100 pF/m

VELOCITY RATIO 66%

RESISTANCE

- INNER CONDUCTOR 36,5 Ohm/Km
- BRAID 15 Ohm/Km

TENSION

- SHEATH 4,0 kV
- SPARK TESTING

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,7	
10	MHz	4,1	
50	MHz	9,7	
100	MHz	13,9	
200	MHz	20,4	
300	MHz	25,3	

MAX. POWER RATING W

		dB	W
500	MHz	34,2	
600	MHz	37,9	
800	MHz	45,1	
1000	MHz	51,8	
1350	MHz	61,2	
1500	MHz	65,6	

		dB	W
1750	MHz	71,6	
2150	MHz	-	
2250	MHz	-	
2500	MHz	-	
2750	MHz	-	
3000	MHz	-	

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>28
300 ÷ 600	MHz	>27
600 ÷ 1000	MHz	>25

1000 ÷ 2000	MHz	>20
2000 ÷ 3000	MHz	>18
..... ÷	MHz	-

SCREENING EFFECTIVENESS dB

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