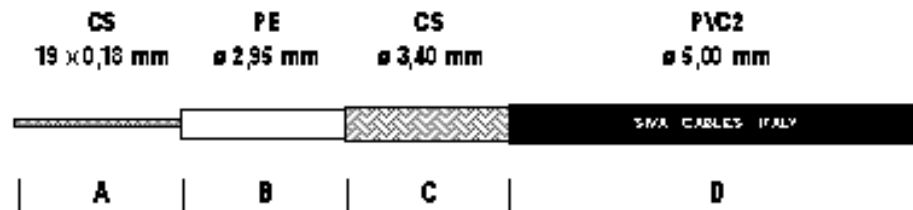




RG 058 CU

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 ∅ EXTERNAL X 5
- REPEATED ∅ 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	1000 ÷ 2000 MHz	>20
300 ÷ 600 MHz	>27	2000 ÷ 3000 MHz	>18
600 ÷ 1000 MHz	>25 ÷	-

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.