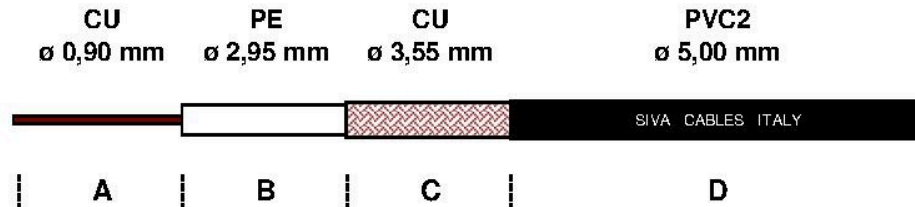




RG 58 U43 = URM 43

50 OHM RF COAXIAL CABLE



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	ø 0,90 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	ø 2,95 ± 0,10 mm
C	BRAID	PLAIN COPPER	96 x 0,15 mm
		- COVERAGE	95%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 5,00 ± 0,10 mm
		- COLOUR	BLACK - RAL 9004
		- PRINTING	

MINIMUM BENDING RADIUS (mm)

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

TEMPERATURE RANGE -30 °C / +70 °C

CABLE WEIGHT (Kg/Km)

- COPPER	22,1
- PLASTIC	20,4
- TOTAL	42,5

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	50 ± 3 Ohm
CAPACITANCE	100 pF/m
VELOCITY RATIO	66%

RESISTANCE	
- INNER CONDUCT.	28 Ohm/Km
- BRAID	14 Ohm/Km
TENSION	
- SHEATH	3,5 kV
- SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz 2,6	500 MHz 31,9	1750 MHz 66,9
10 MHz 3,7	600 MHz 35,3	2150 MHz 75,9
50 MHz 9,0	800 MHz 42,3	2250 MHz 77,7
100 MHz 13,0	1000 MHz 48,5	2500 MHz 82,5
200 MHz 19,3	1350 MHz 57,4	2750 MHz 87,0
400 MHz 28,1	1500 MHz 61,3	3000 MHz 91,2

STRUCTURAL RETURN LOSS dB

30 ÷ 300 MHz >32	1000 ÷ 2000 MHz >19
300 ÷ 600 MHz >28	2000 ÷ 3000 MHz >18
600 ÷ 1000 MHz >23 ÷ MHz -

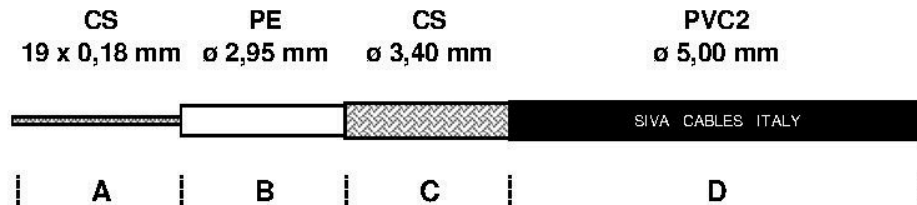
SCREENING EFFECTIVENESS dB

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

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

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	ø 2,95 ± 0,10 mm
C	BRAID	TINNED COPPER	144 x 0,10 mm
	- COVERAGE	94%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 5,00 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING		

MINIMUM BENDING RADIUS (mm)

- **SINGLE** ø EXTERNAL X 5
- **REPEATED** ø 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

RESISTANCE

- **INNER CONDUCT.** 36,5 Ohm/Km
- **BRAID** 15 Ohm/Km

CAPACITANCE 100 pF/m

TENSION

- **SHEATH** 4,0 kV
- **SPARK TESTING**

VELOCITY RATIO 66%

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	
400	MHz	30,0	

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 ÷	MHz	-

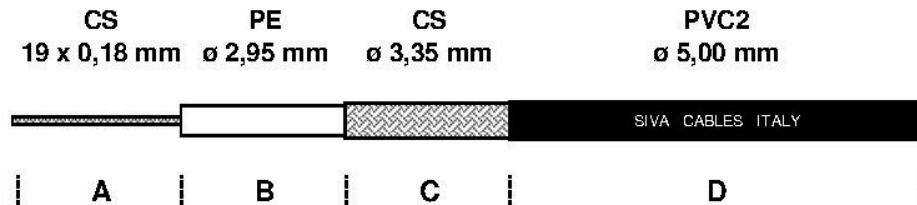
SCREENING EFFECTIVENESS dB

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

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

RG 58 CK

50 OHM RF COAXIAL CABLE



MECHANICAL DATA

A	INNER CONDUCTOR	TINNED COPPER	19 x 0,18 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	ø 2,95 ± 0,10 mm
C	BRAID	TINNED COPPER	96 x 0,10 mm
	- COVERAGE		75%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 5,00 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING		

MINIMUM BENDING RADIUS (mm)

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

TEMPERATURE RANGE

-30 °C / +70 °C

CABLE WEIGHT (Kg/Km)

- **COPPER** 11,5
- **PLASTIC** 22,2
- **TOTAL** 33,7

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 100 pF/m

VELOCITY RATIO 66%

RESISTANCE

- **INNER CONDUCT.** 36,5 Ohm/Km
- **BRAID** 25 Ohm/Km

TENSION

- **SHEATH SPARK TESTING** 4,0 kV

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,7	
10	MHz	4,1	
50	MHz	9,7	
100	MHz	14,0	
200	MHz	20,5	
400	MHz	30,2	

MAX. POWER RATING W

		dB	W
500	MHz	34,5	
600	MHz	38,3	
800	MHz	45,5	
1000	MHz	52,3	
1350	MHz	61,8	
1500	MHz	66,2	

		dB	W
1750	MHz	72,2	
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 ÷	MHz	-

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>53
900 ÷ 2000	MHz	-
2000 ÷ 3000	MHz	-

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