



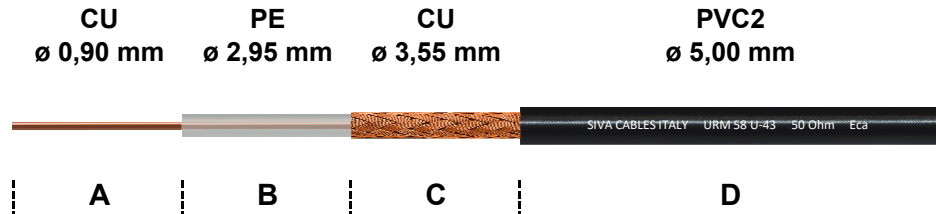
FABBRICA CAVI - ANTENNE - ACCESSORI TV



RG 58 U-43 = URM 43

50 OHM RF COAXIAL CABLE

Class CPR **E_{ca}**



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	URM 43 50 Ohm		
		MADE IN ITALY CE 56 WEEK/YEAR EN 50575:2014 + A1:2016 Eca		

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 SPARK TESTING** 3,5 kV

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,7	849
10	MHz	3,9	600
30	MHz	7,2	346
50	MHz	9,3	268
150	MHz	16,8	155
220	MHz	20,5	128

MAX. POWER RATING W

		dB	W
450	MHz	30,5	89
600	MHz	35,8	77
800	MHz	42,2	67
900	MHz	45,1	63
1000	MHz	48,0	60
1500	MHz	61,3	49

		dB	W
1800	MHz	68,4	44
2000	MHz	73,2	43
2500	MHz	83,7	38
3000	MHz	92,0	35
5200	MHz	132,7	26
5800	MHz	144,9	25

STRUCTURAL RETURN LOSS dB

30 ÷ 450	MHz	>28	2000 ÷ 3000	MHz	>23
450 ÷ 1000	MHz	>25	3000 ÷ 4000	MHz	>22
1000 ÷ 2000	MHz	>24	4000 ÷ 5800	MHz	>21

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.