



FABBRICA CAVI - ANTENNE - ACCESSORI TV

RF 240 LTA-PVC

DOUBLE SCREENED 50 OHM
RF COAXIAL CABLE

Class CPR **E_{ca}**

CU **PEE** **LAS** **CS** **PVC2**
 ø 1,40 mm ø 3,80 mm ø 3,90 mm ø 4,40 mm ø 6,10 mm



|| **A** || **B** || **C** || **D** || **E** ||

MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	ø 1,40 mm
B	DIELECTRIC	FOAM POLYETHYLENE	.....	ø 3,80 ± 0,10 mm
C	SHIELD	ALL + PET + ALL ADHESIVE TAPE		h. 15 mm
		- COVERAGE	.....	100%
D	BRAID	TINNED COPPER	.....	112 x 0,12 mm
		- COVERAGE	.....	80%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE		ø 6,10 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	## METER ## RF 240 LTA 50 OHM LOW LOSS CABLE 1,40 / 3,80 / 6,10		
		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** 25,9
- **PLASTIC** 25,3
- **TOTAL** 53,0

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 84%

RESISTANCE

- **INNER CONDUCT.** 11,5 Ohm/Km
- **BRAID** 14,5 Ohm/Km

TENSION

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

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1,9	3536
10	MHz	2,7	2500
30	MHz	4,4	1443
50	MHz	5,6	1118
150	MHz	9,5	645
220	MHz	11,7	533

MAX. POWER RATING W

		dB	W
450	MHz	17,4	373
600	MHz	20,2	323
800	MHz	23,5	280
900	MHz	24,7	264
1000	MHz	26,4	250
1500	MHz	32,9	204

		dB	W
1800	MHz	36,4	186
2000	MHz	39,1	177
2500	MHz	43,8	158
3000	MHz	48,6	144
5200	MHz	67,4	110
5800	MHz	71,8	104

STRUCTURAL RETURN LOSS dB

30 ÷ 450	MHz	>25	2000 ÷ 3000	MHz	>16
450 ÷ 1000	MHz	>20	3000 ÷ 4000	MHz	>15
1000 ÷ 2000	MHz	>17	4000 ÷ 5800	MHz	>11

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>95
900 ÷ 2000	MHz	>85
2000 ÷ 3000	MHz	>75

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