



FABBRICA CAVI - ANTENNE - ACCESSORI TV

RF 200 LTA-PVC

DOUBLE SCREENED 50 OHM
RF COAXIAL CABLE

Class CPR **E_{ca}**

CU **PEE** **LTA** **CS** **PVC2**
 ø 1,13 mm ø 2,95 mm ø 3,05 mm ø 3,50 mm ø 5,00 mm



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

MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	ø 1,13 mm
B	DIELECTRIC	FOAM POLYETHYLENE	.....	ø 2,95 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE		h. 12 mm
		- COVERAGE	.....	100%
D	BRAID	TINNED COPPER	.....	112 x 0,12 mm
		- COVERAGE	.....	90%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE		ø 5,00 ± 0,10 mm
	- COLOUR	## METER ## RF 200 LTA 50 OHM LOW LOSS CABLE		1,13 / 2,95 / 5,00
	- PRINTING	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** 21,1
- **PLASTIC** 17,8
- **TOTAL** 39,9

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 80%

RESISTANCE

- **INNER CONDUCT.** 17,2 Ohm/Km
- **BRAID** 13,0 Ohm/Km

TENSION

- **SHEATH SPARK TESTING** 3,5 kV

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,6	2263
10	MHz	3,5	1600
30	MHz	5,8	924
50	MHz	7,5	716
150	MHz	12,2	413
220	MHz	14,8	341

MAX. POWER RATING W

		dB	W
450	MHz	21,6	239
600	MHz	25,2	207
800	MHz	29,5	179
900	MHz	31,3	169
1000	MHz	33,4	160
1500	MHz	42,0	138

		dB	W
1800	MHz	46,4	119
2000	MHz	49,4	113
2500	MHz	55,2	101
3000	MHz	60,8	92
5200	MHz	84,1	70
5800	MHz	89,5	66

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>25	1000 ÷ 2000	MHz	>22
300 ÷ 600	MHz	>24	2000 ÷ 3000	MHz	>21
600 ÷ 1000	MHz	>23	..... ÷ .....	MHz	>20

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>90
900 ÷ 2000	MHz	>85
2000 ÷ 3000	MHz	>75

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