



FABBRICA CAVI - ANTENNE - ACCESSORI TV

RF 195 LTA-PVC

DOUBLE SCREENED 50 OHM
RF COAXIAL CABLE

Class CPR **E_{ca}**

CU **PEE** **LTA** **CS** **PVC2**
 ø 0,95 mm ø 2,80 mm ø 2,90 mm ø 3,40 mm ø 5,00 mm



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

MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	ø 0,95 mm
B	DIELECTRIC	FOAM POLYETHYLENE	.....	ø 2,80 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE		h. 12 mm
		- COVERAGE	.....	100%
D	BRAID	TINNED COPPER	.....	128 x 0,12 mm
		- COVERAGE	.....	96%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE		ø 5,00 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	## METER ## RF 195 LTA 50 OHM LOW LOSS CABLE 0,95 / 2,80 / 5,00		
		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** 19,9
- **PLASTIC** 19,0
- **TOTAL** 39,9

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 80%

RESISTANCE

- **INNER CONDUCT.** 25,2 Ohm/Km
- **BRAID** 11,8 Ohm/Km

TENSION

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

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,7	1980
10	MHz	3,6	1400
30	MHz	6,6	808
50	MHz	8,4	626
150	MHz	13,6	361
220	MHz	16,5	298

MAX. POWER RATING W

		dB	W
450	MHz	23,9	209
600	MHz	28,4	181
800	MHz	33,1	157
900	MHz	35,4	148
1000	MHz	37,8	140
1500	MHz	47,6	114

		dB	W
1800	MHz	52,8	104
2000	MHz	56,0	99
2500	MHz	63,1	89
3000	MHz	69,1	81
5200	MHz	94,6	61
5800	MHz	100,4	58

STRUCTURAL RETURN LOSS dB

30 ÷ 450	MHz	>22	2000 ÷ 3000	MHz	>16
450 ÷ 1000	MHz	>19	3000 ÷ 4000	MHz	>14
1000 ÷ 2000	MHz	>18	4000 ÷ 5800	MHz	>13

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>85
900 ÷ 2000	MHz	>75
2000 ÷ 3000	MHz	>65

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