



FABBRICA CAVI - ANTENNE - ACCESSORI TV

RF 58 LAP

DOUBLE SCREENED 50 OHM
RF COAXIAL CABLE

Class CPR **E_{ca}**

CS **PEE** **LTA** **CS** **PVC2**
7 x 0,40 mm ø 3,10 mm ø 3,20 mm ø 3,60 mm ø 5,00 mm



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

MECHANICAL DATA

A	INNER CONDUCTOR	TINNED COPPER	7 x 0,40 mm
B	DIELECTRIC	FOAM POLYETHYLENE	ø 3,10 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h.12 mm
	- COVERAGE		100%
D	BRAID	TINNED COPPER	96 x 0,10 mm
	- COVERAGE		72%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 5,00 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	## METER ## RF 58 LAP 50 OHM LOW LOSS FLEXIBLE CABLE	
7x0,40/3,10/5,00 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** 15,3
- **PLASTIC** 17,6
- **TOTAL** 33,9

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 80%

RESISTANCE

- **INNER CONDUCT.** 20,5 Ohm/Km
- **BRAID** 20 Ohm/Km

TENSION

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

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	3,2	
10	MHz	4,4	
50	MHz	9,6	
100	MHz	12,8	
200	MHz	17,9	
400	MHz	25,9	

MAX. POWER RATING W

		dB	W
500	MHz	29,3	
600	MHz	32,1	
800	MHz	37,5	
1000	MHz	42,4	
1350	MHz	49,8	
1500	MHz	54,5	

		dB	W
1750	MHz	59,0	
2150	MHz	66,6	
2250	MHz	67,9	
2500	MHz	74,1	
2750	MHz	77,3	
3000	MHz	82,9	

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>28	1000 ÷ 2000	MHz	>16
300 ÷ 600	MHz	>24	2000 ÷ 3000	MHz	>15
600 ÷ 1000	MHz	>22 ÷	MHz	-

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.