



FABBRICA CAVI - ANTENNE - ACCESSORI TV

RF 240 UF

DOUBLE SCREENED 50 OHM
RF COAXIAL CABLE

Class CPR **E_{ca}**

CU 19 x 0,28 mm **PEE** ø 3,80 mm **LAS** ø 3,90 mm **CS** ø 4,40 mm **PVC2** ø 6,10 mm



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

MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	19 x 0,28 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 UF 50 OHM LOW LOSS FLEXIBLE CABLE	19x0,28/3,80/6,10
		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** 22,9
- **PLASTIC** 26,0
- **TOTAL** 50,7

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 80%

RESISTANCE

- **INNER CONDUCT.** 15,5 Ohm/Km
- **BRAID** 14,5 Ohm/Km

TENSION

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

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,7	3253
10	MHz	3,8	2300
30	MHz	5,8	1328
50	MHz	7,8	1029
150	MHz	12,4	594
220	MHz	15,3	490

MAX. POWER RATING W

		dB	W
450	MHz	22,4	343
600	MHz	25,9	297
800	MHz	29,8	257
900	MHz	32,4	242
1000	MHz	34,3	230
1500	MHz	42,4	188

		dB	W
1800	MHz	46,5	171
2000	MHz	49,8	163
2500	MHz	55,9	145
3000	MHz	60,6	133
5200	MHz	84,8	101
5800	MHz	89,1	96

STRUCTURAL RETURN LOSS dB

30 ÷ 450	MHz	>21	2000 ÷ 3000	MHz	>16
450 ÷ 1000	MHz	>20	3000 ÷ 4000	MHz	>15
1000 ÷ 2000	MHz	>17	4000 ÷ 5800	MHz	>14

SCREENING EFFECTIVENESS dB

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

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