



FABBRICA CAVI - ANTENNE - ACCESSORI TV

# RF 287 UF

DOUBLE SCREENED 50 OHM  
RF COAXIAL CABLE

Class CPR **E<sub>ca</sub>**

CU      PEE      LRP      CU      PVC2  
7 x 0,65 mm    ø 5,00 mm    ø 5,10 mm    ø 5,60 mm    ø 7,30 mm



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

## MECHANICAL DATA

<b>A</b>	<b>INNER CONDUCTOR</b>	PLAIN COPPER	7 x 0,65 mm
<b>B</b>	<b>DIELECTRIC</b>	FOAM POLYETHYLENE	ø 5,00 ± 0,10 mm
<b>C</b>	<b>SHIELD</b>	COPPER + POLYESTER TAPE	h. 18 mm
	- COVERAGE		100%
<b>D</b>	<b>BRAID</b>	PLAIN COPPER	120 x 0,12 mm
	- COVERAGE		72%
<b>E</b>	<b>SHEATH</b>	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 7,30 ± 0,10 mm
	- COLOUR	<b>BLACK - RAL 9004</b>	
	- PRINTING	<b>## METER ## RF 287 UF 50 OHM LOW LOSS FLEXIBLE CABLE 7x0,65/5,00/7,30</b>	
		<b>MADE IN ITALY CE 56 WEEK/YEAR EN 50575:2014 + A1:2016 Eca</b>	

### 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 34,7
- PLASTIC 34,3
- TOTAL 73,0

## ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 80%

### RESISTANCE

- INNER CONDUCT. 7,8 Ohm/Km
- BRAID 11,0 Ohm/Km

### TENSION

- SHEATH SPARK TESTING 4,0 kV

### ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1,8	3111
10	MHz	2,5	2200
30	MHz	4,1	1270
50	MHz	5,2	984
150	MHz	8,9	568
220	MHz	10,9	469

### MAX. POWER RATING W

		dB	W
450	MHz	16,2	328
600	MHz	18,7	284
800	MHz	21,9	246
900	MHz	22,9	232
1000	MHz	24,5	220
1500	MHz	30,8	180

		dB	W
1800	MHz	34,1	164
2000	MHz	36,7	156
2500	MHz	40,9	139
3000	MHz	45,5	127
5200	MHz	63,4	96
5800	MHz	67,6	91

### STRUCTURAL RETURN LOSS dB

30 ÷ 450	MHz	>26	2000 ÷ 3000	MHz	>14
450 ÷ 1000	MHz	>20	3000 ÷ 4000	MHz	>13
1000 ÷ 2000	MHz	>16	4000 ÷ 5800	MHz	>12

### SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>80
900 ÷ 2000	MHz	>70
2000 ÷ 3000	MHz	>60

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