



FABBRICA CAVI - ANTENNE - ACCESSORI TV

# RG 062 AU

93 OHM RF COAXIAL CABLE

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

**CW**      **PEA**      **CU**      **PVC2**  
 ø 0,64 mm    ø 3,70 mm    ø 4,10 mm    ø 6,20 mm



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

## MECHANICAL DATA

<b>A</b>	<b>INNER CONDUCTOR</b>	COPPERWELD	.....	ø 0,64 mm
<b>B</b>	<b>DIELECTRIC</b>	AIRD POLYETHYLENE	.....	ø 3,70 ± 0,13 mm
<b>C</b>	<b>BRAID</b>	PLAIN COPPER	.....	168 x 0,10 mm
		- COVERAGE	.....	92%
<b>D</b>	<b>SHEATH</b>	NON-CONTAMINATING POLYVINYL-CHLORIDE		ø 6,20 ± 0,18 mm
	- COLOUR	<b>BLACK - RAL 9004</b>		
	- PRINTING	<b>M17/30-RG62 MIL-C-17G RG 62 AU 93 Ohm</b>		
		<b>MADE IN ITALY CE 57 SETT/ANNO 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**      15,2
- **PLASTIC**      31,9
- **TOTAL**      47,1

## ELECTRICAL PROPERTIES at 20°C

**IMPEDANCE**      93 ± 5 Ohm

**CAPACITANCE**      44 pF/m

**VELOCITY RATIO**      84%

### RESISTANCE

- **INNER CONDUCT.**      130 Ohm/Km
- **BRAID**      13 Ohm/Km

### TENSION

- **SHEATH SPARK TESTING**      5,0 kV

### ATTENUATIONS dB/100 m.

		<b>dB</b>	<b>W</b>
5	MHz	1,9	
10	MHz	2,4	
50	MHz	5,8	
100	MHz	8,2	
200	MHz	11,8	
400	MHz	17,0	

### MAX. POWER RATING W

		<b>dB</b>	<b>W</b>
500	MHz	19,0	
600	MHz	21,1	
800	MHz	24,4	
1000	MHz	27,8	
1350	MHz	32,9	
1500	MHz	34,7	

		<b>dB</b>	<b>W</b>
1750	MHz	38,3	
2150	MHz	43,1	
2250	MHz	43,8	
2500	MHz	47,4	
2750	MHz	49,6	
3000	MHz	52,6	

### STRUCTURAL RETURN LOSS dB

30 ÷ 300 MHz >17  
 300 ÷ 600 MHz >17  
 600 ÷ 1000 MHz >17

1000 ÷ 2000 MHz >16  
 2000 ÷ 3000 MHz >14  
 ..... ÷ ..... MHz -

### SCREENING EFFECTIVENESS dB

100 ÷ 900 MHz >57  
 900 ÷ 2000 MHz -  
 2000 ÷ 3000 MHz -

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