



FABBRICA CAVI - ANTENNE - ACCESSORI TV

RG 62 AU

93 OHM RF COAXIAL CABLE

MANUFACTURED IN COMPLIANCE WITH MIL-C-17F STANDARDS

Class CPR **E_{ca}**

CW **PEA** **CU** **PVC2**
 ø 0,64 mm ø 3,70 mm ø 4,30 mm ø 6,20 mm



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

MECHANICAL DATA

A	INNER CONDUCTOR	COPPERWELD	ø 0,64 ± 0,025 mm
B	DIELECTRIC	AIRED POLYETHYLENE	ø 3,70 ± 0,13 mm
C	BRAID	PLAIN COPPER	120 x 0,15 mm
		- COVERAGE	95%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE		ø 6,20 ± 0,18 mm
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	M17/30-RG62 MIL-C-17F RG 62 AU 93 Ohm		
		MADE IN ITALY CE 57 SETT/ANNO 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** 22,8
- **PLASTIC** 29,9
- **TOTAL** 52,7

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	93 ± 5 Ohm	RESISTANCE	
		- INNER CONDUCT.	130 Ohm/Km
CAPACITANCE	44 pF/m	- BRAID	9 Ohm/km
VELOCITY RATIO	84%	TENSION	
		- SHEATH	4,5 kV
		- SPARK TESTING	

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1,9	
10	MHz	2,4	
50	MHz	5,8	
100	MHz	8,1	
200	MHz	11,7	
400	MHz	16,8	

MAX. POWER RATING W

		dB	W
500	MHz	18,7	
600	MHz	20,8	
800	MHz	24,0	
1000	MHz	27,3	
1350	MHz	32,4	
1500	MHz	34,2	

		dB	W
1750	MHz	37,8	
2150	MHz	42,5	
2250	MHz	43,2	
2500	MHz	46,8	
2750	MHz	49,0	
3000	MHz	52,0	

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>17	1000 ÷ 2000	MHz	>16
300 ÷ 600	MHz	>17	2000 ÷ 3000	MHz	>14
600 ÷ 1000	MHz	>17 ÷	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.