



FABBRICA CAVI - ANTENNE - ACCESSORI TV



RG 06 AU

DOUBLE SCREENED 75 OHM RF COAXIAL CABLE

Class CPR **E_{ca}**

CW **PE** **CA** **CU** **PVC2**
 ø 0,72 mm ø 4,70 mm ø 5,20 mm ø 5,75 mm ø 8,50 mm



MECHANICAL DATA

A	INNER CONDUCTOR	COPPERWELD	.....	ø 0,72 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	.....	ø 4,70 ± 0,10 mm
C	1° BRAID	SILVERED COPPER	.....	168 x 0,13 mm
		- COVERAGE	.....	97%
D	2° BRAID	PLAIN COPPER	.....	168 x 0,13 mm
		- COVERAGE	.....	95%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE		ø 8,50 ± 0,10 mm
		- COLOUR	BLACK - RAL 9004	
		- PRINTING	M17/2-RG6 MIL-C-17F RG 6 AU 75 Ohm	

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 50,5
- PLASTIC 61,9
- TOTAL 112,4

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 67 pF/m

VELOCITY RATIO 66%

RESISTANCE

- **INNER CONDUCT.** 97 Ohm/Km
- **BRAID** 5 Ohm/Km

TENSION

- **SHEATH** 7,0 kV
- **SPARK TESTING**

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1,7	
10	MHz	2,4	
50	MHz	5,8	
100	MHz	8,5	
200	MHz	12,5	
400	MHz	18,0	

MAX. POWER RATING W

		dB	W
500	MHz	20,3	
600	MHz	22,6	
800	MHz	26,5	
1000	MHz	30,4	
1350	MHz	37,6	
1500	MHz	40,1	

		dB	W
1750	MHz	44,6	
2150	MHz	51,1	
2250	MHz	52,0	
2500	MHz	55,3	
2750	MHz	57,6	
3000	MHz	60,3	

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>28	1000 ÷ 2000	MHz	>18
300 ÷ 600	MHz	>24	2000 ÷ 3000	MHz	>15
600 ÷ 1000	MHz	>22	..... ÷ .....	MHz	-

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>78
900 ÷ 2000	MHz	-
2000 ÷ 3000	MHz	-

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