



FABBRICA CAVI - ANTENNE - ACCESSORI TV

RG 062 AU-ZH

93 OHM RF COAXIAL CABLE

Class CPR **E_{ca}**

COMPLIANCE IEC 60754-1 IEC 60754-2 IEC 61034-2

CW **PEA** **CU** **Pet** **LSZH**
 ø 0,64 mm ø 3,70 mm ø 4,10 mm h. 16 mm ø 6,20 mm



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

MECHANICAL DATA

A	INNER CONDUCTOR	COPPERWELD	.....	ø 0,64 mm
B	DIELECTRIC	AIRED POLYETHYLENE	.....	ø 3,70 ± 0,13 mm
C	BRAID	PLAIN COPPER	.....	168 x 0,10 mm
		- COVERAGE	.....	92%
D	NON-MIGRATING	POLYESTER TAPE	.....	h. 16 mm
E	SHEATH	FLAME RETARDANT NON-CORROSIVE	.....	ø 6,20 ± 0,18 mm
		THERMOPLASTIC FREE OF HALOGENS		
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	M17/30-RG062 MIL-C-17G RG 62 AU-ZH 93 Ohm LSZH		
		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

-40 °C / +80 °C

CABLE WEIGHT (Kg/Km)

- **COPPER** 15,2
- **PLASTIC** 32,7
- **TOTAL** 48,2

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	93 ± 5 Ohm	RESISTANCE	
		- INNER CONDUCT.	130 Ohm/Km
CAPACITANCE	44 pF/m	- BRAID	13 Ohm/Km
VELOCITY RATIO	84%	TENSION	
		- SHEATH	5,0 kV
		- SPARK TESTING	

ATTENUATIONS dB/100 m.

		dB	W
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

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

		dB	W
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	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.