



FABBRICA CAVI - ANTENNE - ACCESSORI TV



RG 62 AU-ZH

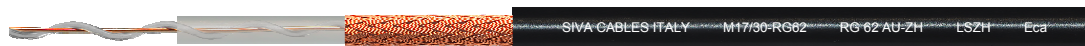
93 OHM RF COAXIAL CABLE

MANUFACTURED IN COMPLIANCE WITH MIL-C-17F STANDARDS

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

Class CPR **E_{ca}**

CW PEA CU Pet LSZH
 $\varnothing$ 0,64 mm $\varnothing$ 3,70 mm $\varnothing$ 4,30 mm h. 16 mm $\varnothing$ 6,20 mm



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

MECHANICAL DATA

A	INNER CONDUCTOR	COPPERWELD	$\varnothing$ 0,64 $\pm$ 0,025 mm
B	DIELECTRIC	AIREO POLYETHYLENE	$\varnothing$ 3,70 $\pm$ 0,13 mm
C	BRAID	PLAIN COPPER	120 x 0,15 mm
		- COVERAGE	95%
D	NON-MIGRATING	POLYESTER TAPE	h. 16 mm
E	SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS	$\varnothing$ 6,20 $\pm$ 0,18 mm
	- 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 $\varnothing$ EXTERNAL X 5
- REPEATED $\varnothing$ EXTERNAL X 10

TEMPERATURE RANGE -40 °C / +80 °C

CABLE WEIGHT (Kg/Km)

- COPPER 22,8
- PLASTIC 30,7
- TOTAL 53,8

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	93 $\pm$ 5 Ohm	RESISTANCE	
		- INNER CONDUCT.	130 Ohm/Km
CAPACITANCE	44 pF/m	- BRAID	9 Ohm/km
		TENSION	
VELOCITY RATIO	84%	- 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 $\div$ 300	MHz	>17	1000 $\div$ 2000	MHz	>16
300 $\div$ 600	MHz	>17	2000 $\div$ 3000	MHz	>14
600 $\div$ 1000	MHz	>17	 $\div$	MHz	-

SCREENING EFFECTIVENESS dB

100 $\div$ 900	MHz	>57
900 $\div$ 2000	MHz	-
2000 $\div$ 3000	MHz	-

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