



FABBRICA CAVI - ANTENNE - ACCESSORI TV

RG 59 BU-ZH

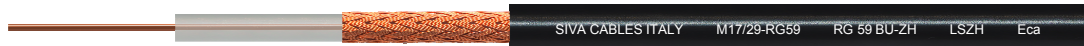
75 OHM RF COAXIAL CABLE

MANUFACTURED IN COMPLIANCE WITH MIL-C-17F STANDARDS

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

Class CPR **E_{ca}**

CW PE CU Pet LSZH
 ø 0,58 mm ø 3,70 mm ø 4,30 mm h. 16 mm ø 6,20 mm



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

MECHANICAL DATA

A	INNER CONDUCTOR	COPPERWELD	.....	ø 0,58 ± 0,025 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	.....	ø 3,70 ± 0,10 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		ø 6,20 ± 0,10 mm
		THERMOPLASTIC FREE OF HALOGENS		
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	M17/29-RG59 MIL-C-17G RG 59 BU-ZH 75 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 22,4
- PLASTIC 34,2
- TOTAL 56,9

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 3 Ohm	RESISTANCE	
		- INNER CONDUCT.	166 Ohm/Km
CAPACITANCE	67 pF/m	- BRAID	9 Ohm/Km
		TENSION	
VELOCITY RATIO	66%	- SHEATH	4,5 kV
		- SPARK TESTING	

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,3	
10	MHz	3,1	
50	MHz	7,4	
100	MHz	10,7	
200	MHz	15,7	
400	MHz	22,7	

MAX. POWER RATING W

		dB	W
500	MHz	25,7	
600	MHz	28,7	
800	MHz	33,6	
1000	MHz	38,0	
1350	MHz	45,6	
1500	MHz	48,5	

		dB	W
1750	MHz	53,5	
2150	MHz	60,9	
2250	MHz	62,1	
2500	MHz	66,8	
2750	MHz	69,6	
3000	MHz	72,7	

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>31	1000 ÷ 2000	MHz	>18
300 ÷ 600	MHz	>28	2000 ÷ 3000	MHz	>14
600 ÷ 1000	MHz	>24	..... ÷ .....	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.