



FABBRICA CAVI - ANTENNE - ACCESSORI TV

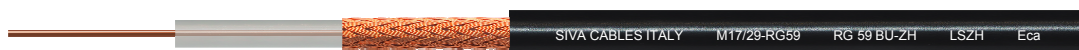
RG 059 BU-ZH

75 OHM RF COAXIAL CABLE

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

Class CPR **E_{ca}**

CW **PE** **CU** **Pet** **LSZH**
 $\varnothing$ 0,58 mm $\varnothing$ 3,70 mm $\varnothing$ 4,10 mm h. 16 mm $\varnothing$ 6,20 mm



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

MECHANICAL DATA

A	INNER CONDUCTOR	COPPERWELD	$\varnothing$ 0,58 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	$\varnothing$ 3,70 $\pm$ 0,10 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 THERMOPLASTIC FREE OF HALOGENS	$\varnothing$ 6,20 $\pm$ 0,10 mm
	- 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** $\varnothing$ EXTERNAL X 5
- **REPEATED** $\varnothing$ EXTERNAL X 10

TEMPERATURE RANGE -40 °C / +80 °C

CABLE WEIGHT (Kg/Km)

- **COPPER** 14,7
- **PLASTIC** 36,2
- **TOTAL** 51,2

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 $\pm$ 3 Ohm	RESISTANCE	
		- INNER CONDUCT.	166 Ohm/Km
CAPACITANCE	67 pF/m	- BRAID	13 Ohm/Km
		TENSION	
VELOCITY RATIO	66%	- SHEATH	5,0 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 $\div$ 300	MHz	>31	1000 $\div$ 2000	MHz	>18
300 $\div$ 600	MHz	>28	2000 $\div$ 3000	MHz	>14
600 $\div$ 1000	MHz	>24	 $\div$	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.