



FABBRICA CAVI - ANTENNE - ACCESSORI TV

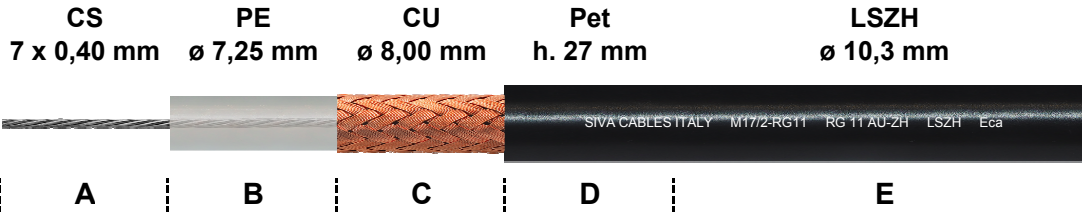
# RG 11 AU-ZH

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<sub>ca</sub>**



## MECHANICAL DATA

<b>A</b>	<b>INNER CONDUCTOR</b>	TINNED COPPER	.....	<b>7 x 0,40 mm</b>
<b>B</b>	<b>DIELECTRIC</b>	LOW DENSITY POLYETHYLENE	.....	<b>ø 7,25 ± 0,18 mm</b>
<b>C</b>	<b>BRAID</b>	PLAIN COPPER	.....	<b>192 x 0,18 mm</b>
		- COVERAGE	.....	<b>97%</b>
<b>D</b>	<b>NON-MIGRATING</b>	POLYESTER TAPE	.....	<b>h. 27 mm</b>
<b>E</b>	<b>SHEATH</b>	FLAME RETARDANT NON-CORROSIVE	.....	<b>ø 10,3 ± 0,18 mm</b>
		THERMOPLASTIC FREE OF HALOGENS		
	- COLOUR	<b>BLACK - RAL 9004</b>		
	- PRINTING	<b>M17/6-RG11 MIL-C-17G RG 11 AU-ZH 75 Ohm LSZH</b>		
		<b>MADE IN ITALY CE 56 WEEK/YEAR EN 50575:2014 + A1:2016 Eca</b>		

### 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** 57,0
- **PLASTIC** 89,9
- **TOTAL** 147,4

## ELECTRICAL PROPERTIES at 20°C

<b>IMPEDANCE</b>	75 ± 3 Ohm	<b>RESISTANCE</b>	
		- <b>INNER CONDUCT.</b>	20,5 Ohm/Km
<b>CAPACITANCE</b>	67 pF/m	- <b>BRAID</b>	4,4 Ohm/Km
		<b>TENSION</b>	
<b>VELOCITY RATIO</b>	66%	- <b>SHEATH</b>	5,5 kV
		- <b>SPARK TESTING</b>	

### ATTENUATIONS dB/100 m.

		<b>dB</b>	<b>W</b>
5	MHz	1,2	
10	MHz	1,7	
50	MHz	4,2	
100	MHz	6,2	
200	MHz	9,3	
400	MHz	13,8	

### MAX. POWER RATING W

		<b>dB</b>	<b>W</b>
500	MHz	15,5	
600	MHz	17,1	
800	MHz	20,5	
1000	MHz	23,4	
1350	MHz	30,2	
1500	MHz	32,5	

		<b>dB</b>	<b>W</b>
1750	MHz	36,6	
2150	MHz	42,5	
2250	MHz	43,1	
2500	MHz	45,8	
2750	MHz	47,6	
3000	MHz	50,1	

### STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>30	1000 ÷ 2000	MHz	>22
300 ÷ 600	MHz	>27	2000 ÷ 3000	MHz	>20
600 ÷ 1000	MHz	>25	..... ÷ .....	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.