



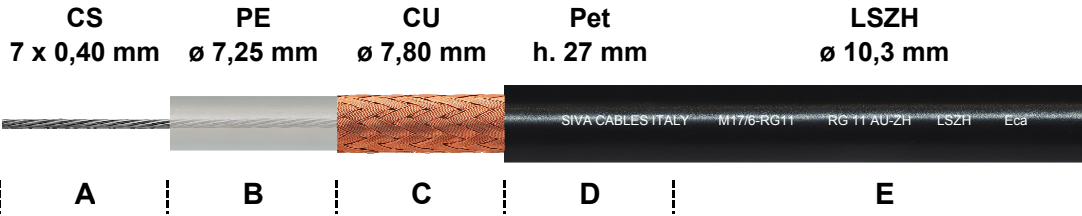
FABBRICA CAVI - ANTENNE - ACCESSORI TV

RG 011 AU-ZH

75 OHM RF COAXIAL CABLE

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

Class CPR **E_{ca}**



MECHANICAL DATA

A	INNER CONDUCTOR	TINNED COPPER	7 x 0,40 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	ø 7,25 ± 0,18 mm
C	BRAID	PLAIN COPPER - COVERAGE	240 x 0,15 mm 97%
D	NON-MIGRATING	POLYESTER TAPE	h. 27 mm
E	SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS	ø 10,3 ± 0,18 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	M17/6-RG11 MIL-C-17G RG 11 AU-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 49,8
- PLASTIC 92,7
- TOTAL 142,5

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 3 Ohm	RESISTANCE	
CAPACITANCE	67 pF/m	- INNER CONDUCT.	20,5 Ohm/Km
VELOCITY RATIO	66%	- BRAID	4,4 Ohm/Km
		TENSION	
		- SHEATH	6,0 kV
		SPARK TESTING	

ATTENUATIONS dB/100 m.

		dB	W
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

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

		dB	W
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.