

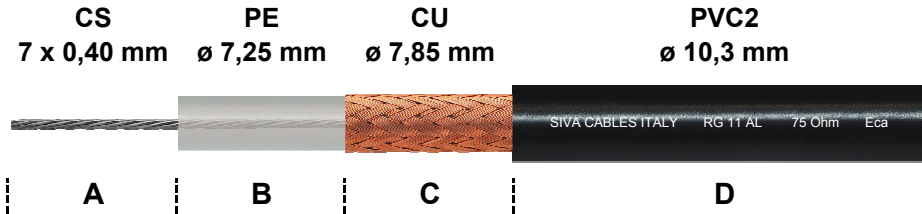


FABBRICA CAVI - ANTENNE - ACCESSORI TV

RG 11 AL

75 OHM RF COAXIAL CABLE

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	144 x 0,15 mm
		- COVERAGE	75%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 10,3 ± 0,18 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	M17/6-RG11 RG 11 AL 75 Ohm	
		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 -30 °C / +70 °C

CABLE WEIGHT (Kg/Km)

- COPPER 33,5
- PLASTIC 90,4
- TOTAL 123,9

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 3 Ohm	RESISTANCE	
		- INNER CONDUCT.	20,5 Ohm/Km
CAPACITANCE	67 pF/m	- BRAID	7,5 Ohm/Km
VELOCITY RATIO	66%	TENSION	
		- SHEATH	6,0 kV
		SPARK TESTING	

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1,2	
10	MHz	1,7	
50	MHz	4,3	
100	MHz	6,3	
200	MHz	9,5	
400	MHz	14,3	

MAX. POWER RATING W

		dB	W
500	MHz	16,2	
600	MHz	17,9	
800	MHz	21,4	
1000	MHz	24,5	
1350	MHz	31,4	
1500	MHz	33,8	

		dB	W
1750	MHz	38,0	
2150	MHz	44,1	
2250	MHz	44,8	
2500	MHz	47,7	
2750	MHz	49,6	
3000	MHz	52,2	

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	>55
900 ÷ 2000	MHz	-
2000 ÷ 3000	MHz	-

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