



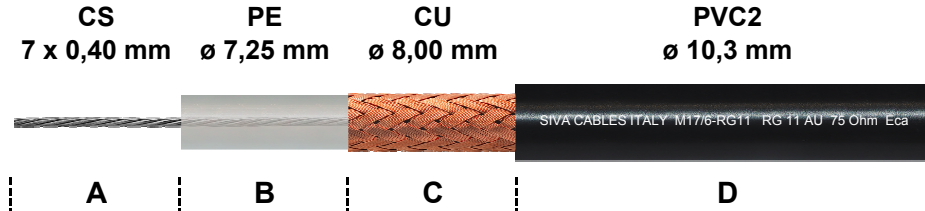
FABBRICA CAVI - ANTENNE - ACCESSORI TV

RG 11 AU

75 OHM RF COAXIAL CABLE

MANUFACTURED IN COMPLIANCE WITH MIL-C-17F STANDARDS

Class CPR **E_{ca}**



CS 7 x 0,40 mm PE \varnothing 7,25 mm CU \varnothing 8,00 mm PVC2 \varnothing 10,3 mm

MECHANICAL DATA

A	INNER CONDUCTOR	TINNED COPPER	.....	7 x 0,40 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	.....	\varnothing 7,25 \pm 0,18 mm
C	BRAID	PLAIN COPPER	.....	192 x 0,18 mm
		- COVERAGE	.....	97%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	.....	\varnothing 10,3 \pm 0,18 mm
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	M17/6-RG11 MIL-C-17F RG 11 AU 75 Ohm		
		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 -30 °C / +70 °C

CABLE WEIGHT (Kg/Km)

- COPPER 57,0
- PLASTIC 88,2
- TOTAL 145,2

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 \pm 3 Ohm

CAPACITANCE 67 pF/m

VELOCITY RATIO 66%

RESISTANCE

- INNER CONDUCT. 20,5 Ohm/Km
- BRAID 4,4 Ohm/Km

TENSION

- SHEATH 5,5 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.