

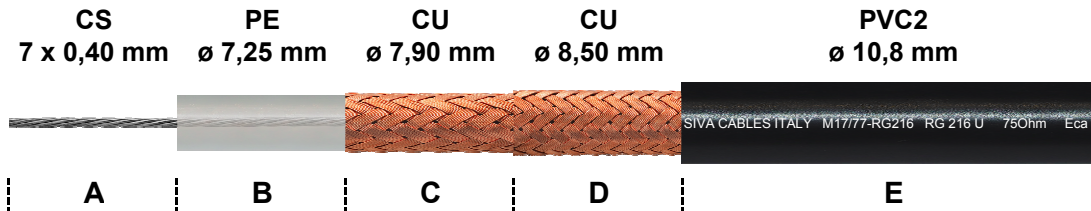


FABBRICA CAVI - ANTENNE - ACCESSORI TV

RG 216 U

DOUBLE SCREENED 75 OHM RF COAXIAL CABLE
MANUFACTURED IN COMPLIANCE WITH MIL-C-17F STANDARDS

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	1° BRAID	PLAIN COPPER	216 x 0,16 mm
	- COVERAGE		97%
D	2° BRAID	PLAIN COPPER	192 x 0,16 mm
	- COVERAGE		96%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 10,8 ± 0,18 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	M1777-RG216 MIL-C-17F RG 216 U 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	97,3
- PLASTIC	89,7
- TOTAL	187,0

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 67 pF/m

VELOCITY RATIO 66%

RESISTANCE

- INNER CONDUCT.	20,5 Ohm/Km
- BRAID	4,2 Ohm/Km

TENSION

- SHEATH SPARK TESTING	5,5 kV
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ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1,1	
10	MHz	1,6	
50	MHz	4,1	
100	MHz	6,0	
200	MHz	9,1	
400	MHz	13,5	

MAX. POWER RATING W

		dB	W
500	MHz	15,1	
600	MHz	16,7	
800	MHz	20,1	
1000	MHz	22,9	
1350	MHz	29,7	
1500	MHz	31,9	

		dB	W
1750	MHz	36,0	
2150	MHz	41,8	
2250	MHz	42,4	
2500	MHz	45,0	
2750	MHz	46,8	
3000	MHz	49,3	

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	>78
900 ÷ 2000	MHz	-
2000 ÷ 3000	MHz	-

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