

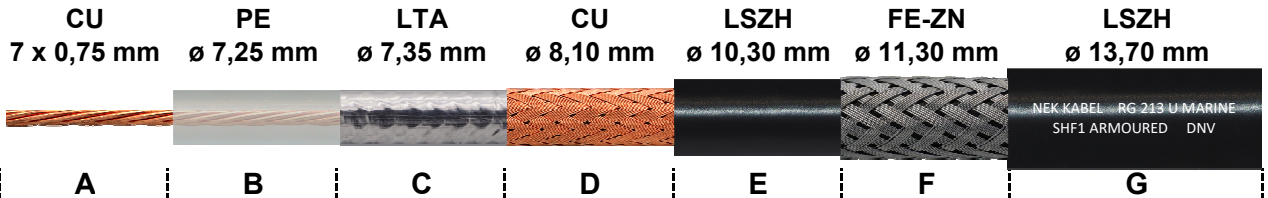


FABBRICA CAVI - ANTENNE - ACCESSORI TV



AR 213 SHF1

DOUBLE SCREENED 50 OHM RF COAXIAL CABLE
MANUFACTURED IN COMPLIANCE WITH MIL-C-17F STANDARDS
IN ACCORDANCE TO : IEC 60092-359 IEC 60332-1-2 IEC 60332-3-22/24
IEC 60754-1 IEC 60754-2 IEC 60811-3-1 IEC 61034-2



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	7 x 0,75 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	ø 7,25 ± 0,18 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE - COVERAGE	h. 29 mm 100%
D	BRAID	PLAIN COPPER - COVERAGE	192 x 0,18 mm 96%
E	SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS - COLOUR	ø 10,30 ± 0,20 mm BLACK - RAL 9004
F	ARM	ZINC-PLATED STEEL - COVERAGE	144 x 0,24 mm 85%
G	SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS - COLOUR - PRINTING	ø 13,70 ± 0,40 mm BLACK - RAL 9004

METER ## NEK KABEL SETT/ANNO RG 213 U MARINE SHF1 ARMoured
50 OHM IEC 60332-3-22/24 CAT.A DNV SC..... CE

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	77,6
- PLASTIC	159,8
- TOTAL	304,1

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	50 ± 2 Ohm	VOLTAGE	
CAPACITANCE	100 pF/m	- OPERATING	≤ 5 kV
VELOCITY RATIO	66%	TEST (50 Hz / 1 min)	≤ 10 kV
RESISTANCE		TENSION	
- INNER CONDUCT.	6,0 Ohm/Km	- SHEATH	5,5 kV
- BRAID	4,2 Ohm/Km	SPARK TESTING	

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1,1	
10	MHz	1,5	
30	MHz	2,9	
50	MHz	3,8	
150	MHz	6,9	
220	MHz	8,4	

MAX. POWER RATING W

		dB	W
450	MHz	12,4	
600	MHz	14,5	
800	MHz	17,0	
900	MHz	18,3	
1000	MHz	19,6	
1500	MHz	24,7	

		dB	W
1800	MHz	27,6	
2000	MHz	29,6	
2500	MHz	33,9	
3000	MHz	37,8	
5200	MHz	-	
5800	MHz	-	

STRUCTURAL RETURN LOSS dB

30 ÷ 450	MHz	>28	2000 ÷ 3000	MHz	>22
450 ÷ 1000	MHz	>27	3000 ÷ 4000	MHz	-
1000 ÷ 2000	MHz	>24	4000 ÷ 5800	MHz	-

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>100
900 ÷ 2000	MHz	>95
2000 ÷ 3000	MHz	>85

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