

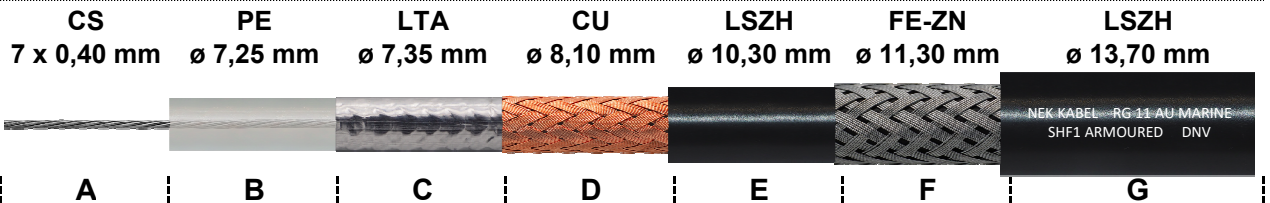


FABBRICA CAVI - ANTENNE - ACCESSORI TV



AR 11 SHF1

DOUBLE SCREENED 75 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	TINNED COPPER	7 x 0,40 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	ø 7,25 ± 0,18 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 29 mm
	- COVERAGE		100%
D	BRAID	PLAIN COPPER	192 x 0,18 mm
	- COVERAGE		96%
E	SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS	ø 10,30 ± 0,20 mm
	- COLOUR	BLACK - RAL 9004	
F	ARM	ZINC-PLATED STEEL	144 x 0,24 mm
	- COVERAGE		85%
G	SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS	ø 13,70 ± 0,40 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	## METER ## NEK KABEL SETT/ANNO RG 11 AU MARINE SHF1 ARMOURED 75 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 57,1
- PLASTIC 161,9
- TOTAL 285,7

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

VOLTAGE

- OPERATING ≤ 5 kV
- TEST (50 Hz / 1 min) ≤ 10 kV

TENSION

- SHEATH 5,5 kV
- SPARK TESTING

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1,2	
10	MHz	1,7	
50	MHz	4,6	
100	MHz	6,8	
200	MHz	10,0	
400	MHz	14,6	

MAX. POWER RATING W

		dB	W
500	MHz	16,3	
600	MHz	18,1	
800	MHz	21,4	
1000	MHz	24,4	
1350	MHz	29,2	
1500	MHz	31,3	

		dB	W
1750	MHz	34,3	
2150	MHz	39,4	
2250	MHz	40,0	
2500	MHz	42,3	
2750	MHz	44,6	
3000	MHz	48,1	

STRUCTURAL RETURN LOSS dB

30 ÷ 470 MHz	>26	2150 ÷ 3000 MHz	>20
470 ÷ 860 MHz	>25	3000 ÷ 4500 MHz	-
860 ÷ 2150 MHz	>22	4500 ÷ 6000 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.