



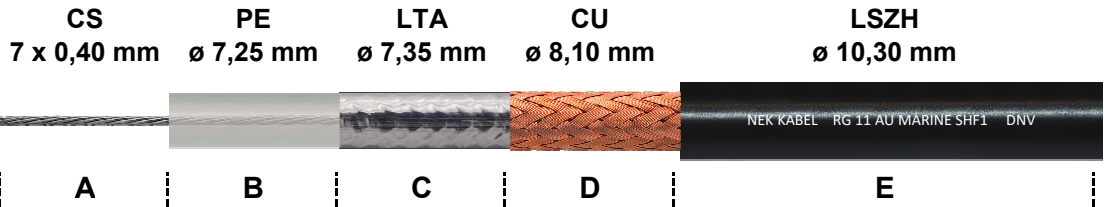
FABBRICA CAVI - ANTENNE - ACCESSORI TV



RG 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	
	- PRINTING	## METER ## NEK KABEL SETT/ANNO RG 11 AU MARINE SHF1 IEC 60332-3-22/24 CAT.A DNV SC..... CE	

MINIMUM BENDING RADIUS (mm)

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER	57,1
- PLASTIC	88,0
- TOTAL	149,6

TEMPERATURE RANGE -40 °C / +80 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 3 Ohm	RESISTANCE	
		- INNER CONDUCT.	20,5 Ohm/Km
CAPACITANCE	67 pF/m	- BRAID	4,2 Ohm/Km
VELOCITY RATIO	66%	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.