



FABBRICA CAVI - ANTENNE - ACCESSORI TV



RF 400 MARINE 75 OHM SHF1



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

CU PEG LTA CS LSZH
 $\varnothing$ 1,65 mm $\varnothing$ 7,20 mm $\varnothing$ 7,30 mm $\varnothing$ 7,90 mm $\varnothing$ 10,30 mm



A B C D E

MECHANICAL DATA

A	INNER CONDUCT.	PLAIN COPPER	$\varnothing$ 1,65 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	$\varnothing$ 7,20 $\pm$ 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 27 mm
		- COVERAGE	100%
D	BRAID	TINNED COPPER	192 x 0,15 mm
		- COVERAGE	95%
E	SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS - SHF1	$\varnothing$ 10,30 $\pm$ 0,18 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	## METER ## NEK KABEL SETT/ANNO RF 400 MARINE 75 OHM SHF1 IEC 60332-3-22/24 CAT.A DNV SC..... CE	

MINIMUM BENDING RADIUS (mm)

- SINGLE	$\varnothing$ EXTERNAL X 5
- REPEATED	$\varnothing$ EXTERNAL X 10
TEMPERATURE RANGE	-40 °C / +80 °C

CABLE WEIGHT (Kg/Km)

- COPPER	58,3
- PLASTIC	69,6
- TOTAL	130,4

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 $\pm$ 3 Ohm	RESISTANCE	
		- INNER CONDUCT.	8,2 Ohm/Km
CAPACITANCE	53 pF/m	- BRAID	4,3 Ohm/Km
VELOCITY RATIO	84%	TENSION	
		- SHEATH	6,0 kV
		SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz	0,9	470 MHz	8,6	1750 MHz	17,8
10 MHz	1,2	600 MHz	9,8	2150 MHz	19,5
50 MHz	2,8	862 MHz	11,9	2400 MHz	20,4
100 MHz	3,8	1000 MHz	12,9	2750 MHz	22,1
200 MHz	5,4	1350 MHz	15,3	3000 MHz	23,5
300 MHz	6,5	1500 MHz	16,4	6000 MHz	36,2

STRUCTURAL RETURN LOSS dB

30 ÷ 470 MHz	>31	3000 ÷ 4500 MHz	>19
470 ÷ 862 MHz	>26	4500 ÷ 6000 MHz	>15
862 ÷ 2150 MHz	>23	6000 ÷ 12000 MHz	-
2150 ÷ 3000 MHz	>20		

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

5 ÷ 30 MHz	<5	mOhm/m
30 ÷ 1000 MHz	>95	dB
1000 ÷ 2000 MHz	>90	dB
2000 ÷ 3000 MHz	>80	dB

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

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