



FABBRICA CAVI - ANTENNE - ACCESSORI TV



TYPE RG6 SHF1 - ref. 46962



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
 ø 1,00 mm ø 4,60 mm ø 4,70 mm ø 5,20 mm ø 6,95 mm



A B C D E

MECHANICAL DATA

A	INNER CONDUCT.	PLAIN COPPER	ø 1,00 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 4,60 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 18 mm
		- COVERAGE	100%
D	BRAID	TINNED COPPER	192 x 0,12 mm
		- COVERAGE	96%
E	SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS - SHF1	ø 6,95 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	## METER ## NEK KABEL SETT/ANNO TYPE RG6 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
TEMPERATURE RANGE	-40 °C / +80 °C

CABLE WEIGHT (Kg/Km)

- COPPER	28,1
- PLASTIC	32,8
- TOTAL	62,6

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 3 Ohm	RESISTANCE	
		- INNER CONDUCT.	22,5 Ohm/Km
CAPACITANCE	53 pF/m	- BRAID	8,3 Ohm/Km
VELOCITY RATIO	84%	TENSION	
		- SHEATH	4,5 kV
		SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz	1,5	470 MHz	13,5	1750 MHz	27,4
10 MHz	2,0	600 MHz	15,4	2150 MHz	31,0
50 MHz	4,2	862 MHz	18,5	2400 MHz	33,1
100 MHz	6,2	1000 MHz	20,5	2750 MHz	36,1
200 MHz	8,7	1350 MHz	23,8	3000 MHz	38,2
300 MHz	10,4	1500 MHz	25,6	6000 MHz	57,8

STRUCTURAL RETURN LOSS dB

30 ÷ 470 MHz	>29	3000 ÷ 4500 MHz	>20
470 ÷ 862 MHz	>27	4500 ÷ 6000 MHz	>15
862 ÷ 2150 MHz	>24	6000 ÷ 12000 MHz	-
2150 ÷ 3000 MHz	>21		

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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