



FABBRICA CAVI - ANTENNE - ACCESSORI TV



# TYPE RG6 - 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

<b>A</b>	<b>INNER CONDUCT.</b>	PLAIN COPPER	.....	<b>ø 1,00 mm</b>
<b>B</b>	<b>DIELECTRIC</b>	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE		<b>ø 4,60 ± 0,10 mm</b>
<b>C</b>	<b>SHIELD</b>	ALUMINIUM + POLYESTER + ALUMINIUM TAPE		<b>h. 18 mm</b>
		- COVERAGE	.....	<b>100%</b>
<b>D</b>	<b>BRAID</b>	TINNED COPPER	.....	<b>192 x 0,12 mm</b>
		- COVERAGE	.....	<b>96%</b>
<b>E</b>	<b>SHEATH</b>	FLAME RETARDANT NON-CORROSIVE		<b>ø 6,95 ± 0,10 mm</b>
		THERMOPLASTIC FREE OF HALOGENS - SHF1		
	- COLOUR	<b>BLACK - RAL 9004</b>		
	- PRINTING	<b>## METER ## NEK KABEL SETT/ANNO TYPE RG6 MARINE SHF1</b>		
		<b>IEC 60332-3-22/24 CAT.A DNV SC..... CE</b>		

### MINIMUM BENDING RADIUS ( mm )

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

### CABLE WEIGHT ( Kg/Km )

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

TEMPERATURE RANGE      -40 °C / +80 °C

## ELECTRICAL PROPERTIES at 20°C

IMPEDANCE                      75 ± 3 Ohm

CAPACITANCE                      53 pF/m

VELOCITY RATIO                      84%

### RESISTANCE

- INNER CONDUCT.	22,5 Ohm/Km
- BRAID	8,3 Ohm/Km

### TENSION

- SHEATH	4,5 kV
- SPARK TESTING	

### ATTENUATIONS dB/100 m.

5 MHz	1,5	470 MHz	13,5	1500 MHz	25,6
10 MHz	2,0	600 MHz	15,4	1750 MHz	27,4
50 MHz	4,2	800 MHz	17,9	2150 MHz	31,0
100 MHz	6,2	862 MHz	18,5	2400 MHz	33,1
200 MHz	8,7	1000 MHz	20,5	2750 MHz	36,1
300 MHz	10,4	1350 MHz	23,8	3000 MHz	38,2

### STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>29
470 ÷ 862	MHz	>27
862 ÷ 2150	MHz	>24
2150 ÷ 3000	MHz	>21

### SCREENING EFFECTIVENESS dB EN 50117 STANDARD

<b>TRANSFER IMPEDANCE</b>	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.