



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	.....	ø 1,00 mm
<b>B</b>	<b>DIELECTRIC</b>	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE		ø 4,60 ± 0,10 mm
<b>C</b>	<b>SHIELD</b>	ALUMINIUM + POLYESTER + ALUMINIUM TAPE		h. 18 mm
	- COVERAGE	.....		100%
<b>D</b>	<b>BRAID</b>	TINNED COPPER	.....	192 x 0,12 mm
	- COVERAGE	.....		96%
<b>E</b>	<b>SHEATH</b>	FLAME RETARDANT NON-CORROSIVE		ø 6,95 ± 0,10 mm
		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

**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

**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	>90	dB
1000 ÷ 2000	MHz	>80	dB
2000 ÷ 3000	MHz	>70	dB

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