



FABBRICA CAVI - ANTENNE - ACCESSORI TV



TYPE RG11 - ref. 2915



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 1,65 mm ø 7,20 mm ø 7,30 mm ø 7,90 mm ø 10,30 mm



|| A || B || C || D || E ||

MECHANICAL DATA

A	INNER CONDUCT.	PLAIN COPPER	ø 1,65 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE		ø 7,20 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE		h. 27 mm
		- COVERAGE	100%
D	BRAID	TINNED COPPER	192 x 0,15 mm
		- COVERAGE	91%
E	SHEATH	FLAME RETARDANT NON-CORROSIVE		ø 10,30 ± 0,18 mm
		THERMOPLASTIC FREE OF HALOGENS - SHF1		
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	## METER ## NEK KABEL SETT/ANNO TYPE RG11 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 55,1
- PLASTIC 69,6
- TOTAL 127,2

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCT. 8,2 Ohm/Km
- BRAID 5,0 Ohm/Km

TENSION

- SHEATH 6,0 kV
- SPARK TESTING

ATTENUATIONS dB/100 m.

5 MHz 0,9	470 MHz 8,6	1500 MHz 16,4
10 MHz 1,2	600 MHz 9,8	1750 MHz 17,8
50 MHz 2,8	800 MHz 11,7	2150 MHz 19,5
100 MHz 3,8	862 MHz 11,9	2400 MHz 20,4
200 MHz 5,4	1000 MHz 12,9	2750 MHz 22,1
300 MHz 6,5	1350 MHz 15,3	3000 MHz 23,5

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>31
470 ÷ 862	MHz	>26
862 ÷ 2150	MHz	>23
2150 ÷ 3000	MHz	>20

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	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.