

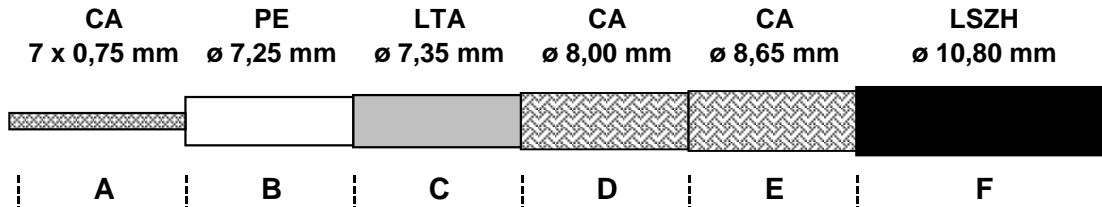
# RG 214 LSNH

DOUBLE SCREENED 50 OHM RF COAXIAL CABLE  
 MANUFACTURED IN COMPLIANCE WITH MIL-C-17F STANDARDS  
 IN ACCORDANCE TO : IEC 60092-359 IEC 60332-1-2 IEC 60332-3-22A  
 IEC 60754-1 IEC 60754-2 IEC 60811-3-1 IEC 61034-2

## koax24



Order number 050236



### MECHANICAL DATA

<b>A</b>	<b>INNER CONDUCTOR</b>	SILVERED COPPER	7 x 0,75 mm
<b>B</b>	<b>DIELECTRIC</b>	LOW DENSITY POLYETHYLENE	ø 7,25 ± 0,18 mm
<b>C</b>	<b>SHIELD</b>	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 29 mm
	- COVERAGE		100%
<b>D</b>	<b>1° BRAID</b>	SILVERED COPPER	144 x 0,16 mm
	- COVERAGE		94%
<b>E</b>	<b>2° BRAID</b>	SILVERED COPPER	168 x 0,16 mm
	- COVERAGE		98%
<b>F</b>	<b>SHEATH</b>	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS	ø 10,80 ± 0,20 mm
	- COLOUR	<b>BLACK - RAL 9004</b>	
	- PRINTING	<b>## METER ## NEK KABEL WEEK/YEAR RG 214 U MARINE SHF1 IEC 60332-3-22 CAT.A DNV-GL SC..... CE</b>	

### MINIMUM BENDING RADIUS ( mm )

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10
<b>TEMPERATURE RANGE</b>	-30 °C / +70 °C

### CABLE WEIGHT ( Kg/Km )

- COPPER	119,7
- PLASTIC	87,3
- TOTAL	211,5

### ELECTRICAL PROPERTIES at 20°C

**IMPEDANCE** 50 ± 2 Ohm

**CAPACITANCE** 100 pF/m

**VELOCITY RATIO** 66%

### RESISTANCE

- INNER CONDUCT.	6,0 Ohm/Km
- BRAID	4,0 Ohm/Km

### TENSION

- SHEATH	5,5 kV
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### SPARK TESTING

### ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1,1	
10	MHz	1,5	
50	MHz	3,8	
100	MHz	5,5	
200	MHz	8,0	
400	MHz	11,6	

### MAX. POWER RATING W

		dB	W
500	MHz	13,2	
600	MHz	14,5	
800	MHz	17,0	
1000	MHz	19,6	
1350	MHz	23,6	
1500	MHz	24,7	

		dB	W
1750	MHz	27,2	
2150	MHz	30,7	
2250	MHz	31,5	
2500	MHz	33,9	
2750	MHz	36,1	
3000	MHz	37,8	

### STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>28	1000 ÷ 2000	MHz	>22
300 ÷ 600	MHz	>26	2000 ÷ 3000	MHz	>20
600 ÷ 1000	MHz	>25	..... ÷ .....	MHz	-

### SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>95
900 ÷ 2000	MHz	>85
2000 ÷ 3000	MHz	>75

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