



## Technical Data Sheet

### RG59 LSFROH COAXIAL CABLE 75 OHM TO MIL-C-17G

#### Technical Data

<b>PRODUCT NUMBER</b>	FEEDFLEX®	<b>9214LSFROH</b>
LSFROH		LOW SMOKE. FIRE RETARDANT. ZERO HALOGEN
<b>CONDUCTOR</b>	<b>CONSTRUCTION</b>	23 AWG (1 / 0.60 mm)
	<b>MATERIAL</b>	BARE COPPER WIRE
<b>INSULATION</b>	<b>MATERIAL</b>	NATURAL
	<b>THICKNESS</b>	1.55 mm Nom.
	<b>O.D.</b>	3.70 ± 0.10 mm
	<b>COLOR</b>	NATURAL
<b>SHIELD</b>	<b>BRAID</b>	16 / 7 / 0.16 mm, BARE COPPER WIRES, WITH 95% COVERAGE Min.
<b>JACKET</b>	<b>MATERIAL</b>	LSFHPE (80°C. RoHS)UV-Resistent
	<b>THICKNESS</b>	0.80 mm Nom.
	<b>O.D.</b>	6.00 ± 0.20 mm
	<b>COLOR</b>	BLACK
<b>WEIGHT</b>		56.0 Kg / 1Km
<b>PRINTING</b>		" ...M .. FEEDFLEX® RG59LSFROH COAXIAL CABLE 75 OHM to MIL-C-17G ... M .."

#### PERFORMANCE PROPERTIES

IMPEDANCE									
									75 ± 3 Ω
CAPACITANCE									68 pF/M Nom.
VELOCITY OF PROPAGATION									67% Nom.
MAX. OPERATING TEMPERATURE. (°C)									-40 / 60°C
MIN. BEND RADIUS									63.5mm
ATTENUATION	MHz	10	50	100	200	400	700	900	1000
(dB/100m)	dB	3,6	7,9	11,2	16,1	23,0	31,8	36,4	39,4
AVERAGE POWER	kW (at 20°C)	0.6	0.47	0.31	0.24	0.138	0.1	0.075	0.076
INNER CONDUCTOR RESISTANCE									61 Ω/Km Nom
INSULATION RESISTANCE									100 M Ω-Km Min
DIELECTRIC STRENGTH		3.0 KV / 1 min. Min.							

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	ITEM	SPECIFICATION	TEST METHOD	
PROPERTIES of JACKET	SMOKE DENSITY	Dm4 Max. 150	ASTM E662	IEC 61034
	TOXICITY INDEX	Max. 5	NES 713	
	HALOGEN ACID GAS EVOLUTION	0.5% Max.	IEC 60754-1	IEC 60754-2

FLAME RETARDENT ACC. TO IEC 60332-1-2

	CHEMICAL SUBSTANCES	LIMIT OF PMM (mg/kg)	METHOD
PROPERTIES FOR RoHS	LEAD (Pb)	<1000	IEC 62321
	CADMIUM (Cd)	<100	
	MERCURY (Hg)	<1000	
	HEXAVALENT CHROMIUM (Cr <sup>+6</sup> )	<1000	
	POLYBROMINATED BIPHENYL (PBBs)	<1000	
	POLYBROMINATED BIPHENYL (PBDEs)	<1000	

PACKING SIZE IS 500M ON WODDEN DRUM.

