



Technical Data Sheet

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

Technical Data

PRODUCT NUMBER	FEEDFLEX®	9214LSFROH
LSFROH		LOW SMOKE. FIRE RETARDANT. ZERO HALOGEN
CONDUCTOR	CONSTRUCTION	23 AWG (1 / 0.60 mm)
	MATERIAL	BARE COPPER WIRE
INSULATION	MATERIAL	NATURAL
	THICKNESS	1.55 mm Nom.
	O.D.	3.70 ± 0.10 mm
	COLOR	NATURAL
SHIELD	BRAID	16 / 7 / 0.16 mm, BARE COPPER WIRES, WITH 95% COVERAGE Min.
JACKET	MATERIAL	LSFHPE (80°C. RoHS)UV-Resistent
	THICKNESS	0.80 mm Nom.
	O.D.	6.00 ± 0.20 mm
	COLOR	BLACK
WEIGHT		56.0 Kg / 1Km
PRINTING		" ...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	
	CADMIUM (Cd)	<100	
	MERCURY (Hg)	<1000	
	HEXAVALENT CHROMIUM (Cr ⁺⁶)	<1000	IEC 62321
	POLYBROMINATED BIPHENYL (PBBs)	<1000	
	POLYBROMINATED BIPHENYL (PBDEs)	<1000	

PACKING SIZE IS 500M ON WODDEN DRUM.

