



Technical Data Sheet

RG58LSFROH COAXIAL CABLE TO MIL-C-17G

Technical Data

PRODUCT NUMBER	FEEDFLEX®	92105LSFROH
LSFROH		LOW SMOKE. FIRE RETARDANT. ZERO HALOGEN
CONDUCTOR	CONSTRUCTION	20 AWG (19 / 0.18 mm)
	MATERIAL	STRANDED TINNED COPPER WIRES
INSULATION	MATERIAL	LDPE
	THICKNESS	1.03 mm
	O.D.	2.95 ± 0.10 mm
	COLOR	NATURAL
SHIELD	BRAID	16 / 7 / 0.12 mm. TINNED COPPER WIRES, WITH 95% COVERAGE Min.
JACKET	MATERIAL	LSFHPE/UV-Resistent
	THICKNESS	0.73 mm
	O.D.	4.95 ± 0.15 mm
	COLOR	BLACK
WEIGHT		39.60 Kg / 1Km
PRINTING		... M ... FEEDFLEX® RG58LSFROH COAXIAL CABLE 50 OHM TO MIL-C-17G ... M ...

PERFORMANCE PROPERTIES

IMPEDANCE							
							50 ± 2 Ω
CAPACITANCE							101 pF/M Nom.
VELOCITY OF PROPAGATION							66% Nom.
MAX. OPERATING TEMPERATURE. (°C)							-40 / 60°C
MIN. BEND RADIUS							25,0 mm
ATTENUATION	MHz	1	10	100	400	1000	
(dB/100m)	dB	1.7	4.9	17.7	23.0	39.4	
AVERAGE POWER	kW (at 20°C)	1,4	0,73	0,18	0,09	0,05	
INNER CONDUCTOR RESISTANCE							35.4 Ω/Km Nom
INSULATION RESISTANCE							100 M Ω-Km Min
DIELECTRIC STRENGTH							1.0 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	

