



**Technical Data Sheet**

**FF195LSFROH LOW LOSS 50 OHM COAXIAL CABLE**

**Technical Data**

<b>PRODUCT NUMBER</b>	<b>6069LSFROH</b>
LSFROH	LOW SMOKE, FIRE RETARDANT, ZERO HALOGEN
<b>CONDUCTOR</b>	<b>CONSTITUTION</b> 19 AWG (1 / 0.94 mm)
	<b>MATERIAL</b> BARE COPPER WIRE
	<b>MATERIAL</b> GAS INJECTED FOAMED POLYETHYLENE
<b>INSULATION</b>	<b>THICKNESS</b> 0.93 mm Nom
	<b>O.D.</b> 2.80 ± 0.10 mm
	<b>COLOR</b> NATURAL
<b>SHIELD</b>	<b>FOIL</b> SEALLESS AL-MYLAR TAPE IS LONGITUDINALLY WRAPPED OVERALL THE SHIELD CABLE
	<b>BRAID</b> 16 / 7 / 0.12 mm, TINNED COPPER WIRES, WITH 95% COVERAGE Min.
	<b>MATERIAL</b> LSFHPE (80°C, RoHS)/UV-Resistant
<b>JACKET</b>	<b>THICKNESS</b> 0.75 mm Nom.
	<b>O.D.</b> 4.90 ± 0.20 mm
	<b>COLOR</b> BLACK
<b>WEIGHT</b>	36 Kg/1 Km
<b>MARDING</b>	... M ... FEEDFLEX® FF195LSFROH LOW LOSS 50 COAXIAL CABLE ... M ...

**PERFORMANCE PROPERTIES**

IMPEDANCE											
CAPACITANCE											
VELOCITY OF PROPAGATION											
MAX. OPERATING TEMPERATURE. (°C)											
MIN. BEND RADIUS											
ATTENUATION	MHz	30	50	150	220	450	900	1500	1800	2000	2500
(dB/100m)	dB	6.5	8.4	14.6	17.7	25.5	36.5	47.7	52.5	55.4	62.4
AVERAGE POWER	kW (at 20°C)	0.89	0.68	0.39	0.32	0.22	0.15	0.12	0.11	0.10	0.09
INNER CONDUCTOR RESISTANCE											
INSULATION RESISTANCE											
DIELECTRIC STRENGTH											

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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 <sup>+6</sup> )	<1000	IEC 62321
	POLYBROMINATED BIPHENYL (PBBs)	<1000	
	POLYBROMINATED BIPHENYL (PBDEs)	<1000	

