


Product Type		LMC195-LSZH		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Bare Copper Wire		
	Construction(mm)	1/0.94		
	Nom.Dia(mm)	0.94		
Insulation	Material	Foam Polyolefin Dielectric		
	Nom.Dia(mm)	2.79		
Outer Conductor	Material	Bonded Aluminum Foil+Tinned Copper Wire Braid		
	Nom.Dia(mm)	3.53		
Jacket	Material	LSZH		
	Nom.Dia(mm)	4.95		
Electrical Characteristics				
Item	Standard Value	Attenuation and Power handling@25°C and Sea Level		
		Frequency (MHz)	Attenuation (dB/m)	Power handling ( w )
Impedance (Ω)	50	30	6.5	0.78
Capacitance(pF/m)	80.0	50	8.4	0.60
Velocity of Propagation	80%	150	14.6	0.35
Cutoff Frequency(GHz)	41	220	17.7	0.29
		450	25.6	0.20
Screening Effectiveness (dB)	>90	900	36.5	0.14
		1500	47.7	0.11
Max Power (KW)	2.5	1800	52.5	0.10
Voltage Withstand(Volts DC)	1000	2000	55.5	0.08
		2500	62.4	0.07
Jacket Spark(Vrms)	3000	5800	93.0	0.05
Mechanical & Environmental Characteristics				
Min Bending Radius/Single		mm	5xcable OD	
Min Bending Radius/Repeated		mm	10xcable OD	
Weight		kg/M	0.03	
Operating Temperature		°C	-40+85	