


Product Type		MMCLLC230		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/0.51		
	Nom.Dia(mm)	0.51		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	1.52		
Inner shield	Material	Silver Plated Copper Strip		
	Nom.Dia(mm)	1.70		
Outer shield	Material	Silver Plated Copper Wire		
	Nom.Dia(mm)	2.04		
Jacket	Material	Blue FEP		
	Nom.Dia(mm)	2.33		
Electrical Characteristics				
Item	Standard Value	Attenuation and Power handling@25°C and Sea Level		
Impedance (Ω)	50	Frequency (MHz)	Attenuation (dB/m)	Power handling (kw)
		1000	0.701	0.097
Velocity of Propagation	76%	2000	0.998	0.068
Max Operating Frequency (GHz)	40	3000	1.229	0.055
		6000	1.76	0.039
Screening Effectiveness (dB)	> 90	8000	2.045	0.033
		10000	2.299	0.030
Dielectric Withstanding Voltage(V)	400	12400	2.576	0.026
		18000	3.141	0.022
		26500	3.868	0.018
		40000	4.843	0.014
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius (Static)	11 mm			
Min Bending Radius (Dynamic)	23 mm			
Weight	0.016kg/m			
Operating Temperature	-55 ~ +165°C			