

Фазостабильные кабели с низкими потерями серии LMC A

Product Type		LMC A52		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/1.29		
	Nom.Dia(mm)	1.29		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	3.91		
Inner shield	Material	Silver Plated Copper Strip		
	Nom.Dia(mm)	4.15		
Interlayer	Material	Aluminum polyester		
	Nom.Dia(mm)	4.28		
Outer shield	Material	Silver Plated Copper Wire		
	Nom.Dia(mm)	4.79		
Jacket	Material	Blue FEP		
	Nom.Dia(mm)	5.20		
Electrical Characteristics				
Item	Standard Value	Attenuation and Power handling@25°C and Sea Level		
Impedance (Ω)	50	Frequency (MHz)	Attenuation (dB/m)	Power handling (w)
Capacitance(pF/m)	88			
Velocity of Propagation	76%	500	0.19	1068
Max Operating Frequency(GHz)	26.5	1000	0.28	750
		2000	0.39	526
Screening Effectiveness (dB)	>90	3000	0.49	426
		8000	0.81	255
Dielectric Withstanding Voltage(V)	1000	10000	0.92	227
		12400	1.03	202
Phase Change VS Bending(°/GHz)	±0.3	13500	1.07	193
		16000	1.18	176
Phase Change VS Temperature	≤1500PPM	18000	1.26	165
		26500	1.55	134
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	20mm	Times	SFT205	
Min Bending Radius/Repeated	52mm	Alstralab	32055	
Weight	0.06kg/m	Harbour	LL142	
Operating Temperature	-55-+200°C	RF Labs	Lab-Flex 200	