


Фазостабильные кабели с низкими потерями серии LMC A

Product Type		LMC A76		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/2.10		
	Nom.Dia(mm)	2.10		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	6.10		
Inner shield	Material	Flat Silver Plated Copper Wrapped Strip		
	Nom.Dia(mm)	6.30		
Interlayer	Material	LD-PTFE		
	Nom.Dia(mm)	6.60		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	7.13		
Jacket	Material	Blue FEP		
	Nom.Dia(mm)	7.60		
Electrical Characteristics				
Item	Standard Value	Attenuation and Power handling@25°C and Sea Level		
		Frequency (MHz)	Attenuation (dB/100m)	Power handling (w)
Impedance (Ω)	50	500	11.76	2805
Capacitance(pF/m)	88	1000	16.80	1963
Velocity of Propagation	78%	3000	29.85	1105
Max Operating Frequency(GHz)	18	4000	34.78	948
Screening Effectiveness (dB)	>90	6000	43.25	763
Max Operating Voltage (V@DC)	50	8000	50.57	652
		10000	57.17	577
Phase Change VS Bending(°/GHz)	±0.2	12000	63.24	521
		14000	68.92	478
Phase Change VS Temperature	≤1500PPM	16000	74.29	444
		18000	79.41	415
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	39mm	Huber+Suhner	Sucoflex106	
Min Bending Radius/Repeated	78mm			
Weight	0.121kg/m			
Operating Temperature	-55-+165°C			