


Фазостабильный кабель с низкими потерями серии C

Product Type		LMC C70		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/1.63		
	Nom.Dia(mm)	1.63		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	5.45		
Inner shield	Material	Flat Silver Plated Copper Wrapped Strip		
	Nom.Dia(mm)	3.20		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	6.15		
Jacket	Material	Blue FEP		
	Nom.Dia(mm)	7.00		
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	17.37	1598
Capacitance(pF/m)	94	1000	25.72	1079
Velocity of Propagation	70%	2000	38.69	718
Max Operating Frequency(GHz)	19	3000	49.55	560
Screening Effectiveness (dB)	>90	4000	59.32	468
Maximum Operating Voltage (V@DC)	50	6000	76.99	361
		8000	93.12	298
Phase Change VS Bending(°/GHz)	±0.3	10000	108.27	256
		12400	125.54	221
Phase Change VS Temperature	N/A	16000	150.14	185
		18000	163.30	170
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	35mm	Times	Tflex-401	
Min Bending Radius/Repeated	70mm	Harbour	SS401	
Weight	0.140kg/m			
Operating Temperature	-55-+125°C			