


Фазостабильный кабель с низкими потерями серии В

Product Type		B51S		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	19/0.29		
	Nom.Dia(mm)	1.45		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	3.85		
Inner shield	Material	Flat Silver Plated Copper Wrapped Strip		
	Nom.Dia(mm)	4.05		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	4.50		
Jacket	Material	Gray FEP		
	Nom.Dia(mm)	5.10		
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	300	0.15	1689
Capacitance(pF/m)	80	500	0.19	1302
Velocity of Propagation	83%	300	0.15	1689
Max Operating Frequency(GHz)	29	500	0.19	1302
Screening Effectiveness (dB)	>90	3000	0.48	517
Maximum Operating Voltage (V@DC)	50	6000	0.69	358
		8000	0.81	307
Phase Change VS Bending(°/GHz)	±0.3	10000	0.91	272
		12400	1.03	242
Phase Change VS Temperature	≤750PPM	18000	1.26	197
		26500	1.56	159
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single		25.5mm	Micro-Coax	UFB197C
Min Bending Radius/Repeated		51mm		
Weight		0.060kg/m		
Operating Temperature		-55~+165°C		