


Фазостабильный кабель с низкими потерями серии B

Product Type		B51		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/1.45		
	Nom.Dia(mm)	1.45		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	3.99		
Inner shield	Material	Flat Silver Plated Copper Wrapped Strip		
	Nom.Dia(mm)	4.19		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	4.60		
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	12.74	1689
Capacitance(pF/m)	80	500	16.49	1305
Velocity of Propagation	83%	1000	23.41	919
Max Operating Frequency(GHz)	29	3000	40.97	525
Screening Effectiveness (dB)	>90	4000	47.48	453
		6000	58.51	368
Maximum Operating Voltage (V@DC)	50	8000	67.92	317
		10000	76.28	282
Phase Change VS Bending(°/GHz)	±0.3	12400	85.36	252
		18000	103.84	207
Phase Change VS Temperature	≤750PPM	26500	127.53	169
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	25.5mm	Micro-Coax	UFB205A	
Min Bending Radius/Repeated	51mm			
Weight	0.060kg/m			
Operating Temperature	-55~+165°C			