


Фазостабильные кабели с низкими потерями серии S

Product Type		S50		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	19/0.204		
	Nom.Dia(mm)	1.02		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	3.00		
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)	3.72		
Jacket	Material	Dark Blue TPU		
	Nom.Dia(mm)	5.00		
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	26.68	531
Capacitance(pF/m)	88	1000	38.47	368
Velocity of Propagation	76%	2400	61.75	229
Max Operating Frequency(GHz)	34	3000	69.84	203
Screening Effectiveness (dB)	>90	6000	103.22	137
Maximum Operating Voltage (V@DC)	50	8000	121.90	116
Phase Change VS Bending(°/GHz)	±0.3	10000	138.96	102
		12400	157.94	90
Phase Change VS Temperature	≤1500 PPM	18000	198.03	72
		26500	252.07	56
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	18.4mm			
Min Bending Radius/Repeated	46.00mm			
Weight	0.051kg/m			
Operating Temperature	-55-+85°C			