


Фазостабильные кабели с низкими потерями серии S

Product Type		S80		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	19/0.38		
	Nom.Dia(mm)	1.88		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	5.55		
Inner shield	Material	Flat Silver Plated Copper Wrapped Strip		
	Nom.Dia(mm)	5.75		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	6.26		
Jacket	Material	Dark Blue TPU		
	Nom.Dia(mm)	8.00		
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	12.47	1543
Capacitance(pF/m)	88	1000	18.16	1059
Velocity of Propagation	76%	2400	29.68	648
Max Operating Frequency(GHz)	18	3000	33.75	570
Screening Effectiveness (dB)	>90	6000	50.91	378
Maximum Operating Voltage (V@DC)	50	8000	60.72	317
Phase Change VS Bending(°/GHz)	±0.3	10000	69.79	276
		12400	80.00	241
Phase Change VS Temperature	≤1500 PPM	18000	101.91	189
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	30.0mm			
Min Bending Radius/Repeated	60.00mm			
Weight	0.114kg/m			
Operating Temperature	-55-+85°C			