


Фазостабильные кабели с низкими потерями серии S

Product Type		S85		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	19/0.48		
	Nom.Dia(mm)	2.39		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	6.35		
Inner shield	Material	Flat Silver Plated Copper Wrapped Strip		
	Nom.Dia(mm)	6.67		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	7.20		
Jacket	Material	Dark Blue TPU		
	Nom.Dia(mm)	8.50		
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	11.86	2048
Capacitance(pF/m)	80	1000	16.93	1435
Velocity of Propagation	83%	2400	26.69	910
Max Operating Frequency(GHz)	18	3000	30.02	809
Screening Effectiveness (dB)	>90	6000	43.40	560
Maximum Operating Voltage (V@DC)	50	8000	50.70	479
Phase Change VS Bending(°/GHz)	±0.3	10000	57.26	424
		12400	64.45	377
Phase Change VS Temperature	≤750 PPM	16000	74.25	327
		18000	79.32	306
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	36.0mm			
Min Bending Radius/Repeated	85.00mm			
Weight	0.162kg/m			
Operating Temperature	-55-+85°C			