


Фазостабильные кабели с низкими потерями серии S

Product Type		S36		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	7/0.24		
	Nom.Dia(mm)	0.72		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	2.05		
Inner shield	Material	Flat Silver Plated Copper Wrapped Strip		
	Nom.Dia(mm)	2.25		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	2.66		
Jacket	Material	Dark Blue TPU		
	Nom.Dia(mm)	3.60		
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	27.96	400
Capacitance(pF/m)	88	500	36.30	308
Velocity of Propagation	76%	1000	51.86	216
Max Operating Frequency(GHz)	40	3000	92.12	121
Screening Effectiveness (dB)	>90	6000	133.45	84
Maximum Operating Voltage (V@DC)	50	8000	156.03	72
		10000	176.35	63
Phase Change VS Bending(°/GHz)	±0.2	12400	198.66	56
		18000	244.88	46
Phase Change VS Temperature	≤1500 PPM	26500	305.54	37
		40000	388.83	29
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	16.0mm			
Min Bending Radius/Repeated	33.00mm			
Weight	0.027kg/m			
Operating Temperature	-55-+85°C			