


Фазостабильные кабели с низкими потерями серии S

Product Type		S46		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	7/0.31		
	Nom.Dia(mm)	0.92		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	2.65		
Inner shield	Material	Flat Silver Plated Copper Wrapped Strip		
	Nom.Dia(mm)	2.85		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	3.28		
Jacket	Material	Dark Blue TPU		
	Nom.Dia(mm)	4.60		
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	22.84	470
Capacitance(pF/m)	88	500	29.62	362
Velocity of Propagation	76%	1000	42.24	254
Max Operating Frequency(GHz)	40	3000	74.69	144
Screening Effectiveness (dB)	>90	6000	107.72	100
		8000	125.67	85
Maximum Operating Voltage (V@DC)	50	10000	141.77	76
		12400	159.38	67
Phase Change VS Bending(°/GHz)	±0.2	18000	195.69	55
		26500	243.02	44
Phase Change VS Temperature	≤1500 PPM	40000	307.48	35
		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			