

Фазостабильные кабели с низкими потерями серии А

Product Type		A46		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/1.02		
	Nom.Dia(mm)	1.02		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	3.07		
Inner shield	Material	Flat Silver Plated Copper Wrapped Strip		
	Nom.Dia(mm)	3.27		
Interlayer	Material	Aluminum polyester		
	Nom.Dia(mm)	3.54		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	3.94		
Jacket	Material	Blue FEP		
	Nom.Dia(mm)	4.60		
Electrical Characteristics				
Item	Standard Value	Attenuation and Power handling@25℃ and Sea Level		
		Frequency (MHz)	Attenuation (dB/100m)	Power handling (w)
Impedance (Ω)	50	500	23.01	801
Capacitance(pF/m)	88	1000	32.71	563
Velocity of Propagation	76%	2400	51.19	360
Max Operating Frequency(GHz)	31	3000	57.42	321
Screening Effectiveness (dB)	>90	6000	82.26	224
Max Operating Voltage (V@DC)	50	8000	95.62	193
		10000	107.54	171
Phase Change VS Bending(°/GHz)	±0.2	12400	120.51	153
		18000	147.02	125
Phase Change VS Temperature	≤1500PPM	26500	181.18	102
		31000	197.36	93
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single		18.4mm	Huber+Suhner	Sucoflex103
Min Bending Radius/Repeated		46mm		
Weight		0.051kg/m		
Operating Temperature		-55-+165℃		