

Фазостабильные кабели с низкими потерями серии А

Product Type		A40		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/0.91		
	Nom.Dia(mm)	0.91		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	2.7		
Inner shield	Material	Flat Silver Plated Copper Wrapped Strip		
	Nom.Dia(mm)	2.90		
Interlayer	Material	LD-PTFE		
	Nom.Dia(mm)	3.15		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	3.56		
Jacket	Material	Blue FEP		
	Nom.Dia(mm)	4.00		
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	27.79	728
Capacitance(pF/m)	88	1000	39.44	513
Velocity of Propagation	76%	2000	56.05	361
Max Operating Frequency(GHz)	40	3000	68.90	294
Screening Effectiveness (dB)	>90	6000	98.25	206
Max Operating Voltage (V@DC)	50	8000	113.94	178
		10000	127.88	158
Phase Change VS Bending(°/GHz)	±0.2	12400	142.98	142
		18000	173.68	116
Phase Change VS Temperature	≤1500PPM	26500	212.89	95
		40000	265.00	76
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single		16mm	Huber+Suhner	Sucoflex 102
Min Bending Radius/Repeated		38mm		
Weight		0.039kg/m		
Operating Temperature		-55-+165℃		