


Фазостабильный кабель с низкими потерями серии E

Product Type		E54S		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	19/0.29		
	Nom.Dia(mm)	1.45		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	4.25		
Inner shield	Material	Flat Silver Plated Copper Wrapped Strip		
	Nom.Dia(mm)	4.45		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	4.90		
Jacket	Material	Aqua FEP		
	Nom.Dia(mm)	5.40		
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	18.38	1435
Capacitance(pF/m)	87	1000	26.33	1001
Velocity of Propagation	77%	2400	41.80	631
Max Operating Frequency(GHz)	25	3000	47.11	560
Screening Effectiveness (dB)	>90	6000	68.69	384
Maximum Operating Voltage (V@DC)	50	8000	80.58	327
Phase Change VS Bending(°/GHz)	±0.2	10000	91.34	289
		12400	103.20	256
Phase Change VS Temperature	≤1500 PPM	18000	127.95	206
		20000	136.08	194
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	21.60 mm	Micro-Coax	UFA210B	
Min Bending Radius/Repeated	43.20mm			
Weight	0.072kg/m			
Operating Temperature	-55-+165°C			