


## Фазостабильный кабель с низкими потерями серии E

Product Type		E40		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/0.93		
	Nom.Dia(mm)	0.93		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	2.75		
Inner shield	Material	Flat Silver Plated Copper Wrapped Strip		
	Nom.Dia(mm)	2.95		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	3.35		
Jacket	Material	Turquoise Green 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	25.33	738
Capacitance(pF/m)	88	1000	36.10	518
Velocity of Propagation	77%	2400	56.73	330
Max Operating Frequency(GHz)	40	3000	63.73	293
Screening Effectiveness (dB)	>90	6000	91.78	204
Maximum Operating Voltage (V@DC)	50	8000	106.99	175
		10000	120.62	155
Phase Change VS Bending(°/GHz)	±0.2	12400	135.51	138
		18000	166.15	113
Phase Change VS Temperature	≤1500 PPM	26500	206.00	91
		40000	260.11	72
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	16mm	Micro-Coax	UFA147A	
Min Bending Radius/Repeated	38mm			
Weight	0.036kg/m			
Operating Temperature	-55-+165°C			