


## Фазостабільны кабель с низкими потерями серии E

Product Type		E42S		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	19/0.204		
	Nom.Dia(mm)	1.02		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	3.00		
Inner shield	Material	Flat Silver Plated Copper Wrapped Strip		
	Nom.Dia(mm)	3.20		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	3.65		
Jacket	Material	Aqua FEP		
	Nom.Dia(mm)	4.20		
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	651
Capacitance(pF/m)	88	1000	36.10	457
Velocity of Propagation	77%	2400	56.73	291
Max Operating Frequency(GHz)	31	3000	63.73	259
Screening Effectiveness (dB)	>90	6000	91.78	180
Maximum Operating Voltage (V@DC)	50	8000	106.99	154
Phase Change VS Bending(°/GHz)	±0.2	10000	120.62	137
		12400	135.51	122
Phase Change VS Temperature	≤1500 PPM	18000	166.15	99
		26500	206.00	80
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	16mm			
Min Bending Radius/Repeated	38mm			
Weight	0.036kg/m			
Operating Temperature	-55-+165°C			