


Фазостабильный кабель с низкими потерями серии E

Product Type		E50		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/1.29		
	Nom.Dia(mm)	1.29		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	3.80		
Inner shield	Material	Flat Silver Plated Copper Wrapped Strip		
	Nom.Dia(mm)	4.00		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	4.40		
Jacket	Material	Aqua FEP		
	Nom.Dia(mm)	5.00		
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	17.34	1194
Capacitance(pF/m)	88	1000	24.87	833
Velocity of Propagation	77%	2400	39.53	524
Max Operating Frequency(GHz)	31	3000	44.57	465
Screening Effectiveness (dB)	>90	6000	65.11	318
Maximum Operating Voltage (V@DC)	50	8000	76.44	271
Phase Change VS Bending(°/GHz)	±0.2	10000	86.71	239
		12400	98.05	211
Phase Change VS Temperature	≤1500 PPM	18000	121.74	170
		26500	153.21	135
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	18.40mm			
Min Bending Radius/Repeated	46mm			
Weight	0.05kg/m			
Operating Temperature	-55-+165°C			