


Фазостабильный кабель с низкими потерями серии F

Product Type		F46		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/1.02		
	Nom.Dia(mm)	1.02		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	3.07		
Inner shield	Material	Flat Silver Plated Copper Braided Strip		
	Nom.Dia(mm)	3.27		
Interlayer	Material	High temperature aluminium foil		
	Nom.Dia(mm)	3.41		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	3.92		
Jacket	Material	Transparent Blue FEP		
	Nom.Dia(mm)	4.60		
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	24.88	742
Capacitance(pF/m)	88	1000	35.36	522
Velocity of Propagation	76%	2400	55.28	334
Max Operating Frequency(GHz)	31	3000	61.99	298
Screening Effectiveness (dB)	>100	6000	88.71	208
		8000	103.07	179
Maximum Operating Voltage (V@DC)	50	10000	115.85	159
		12400	129.76	142
Phase Change VS Bending(°/GHz)	±0.2	18000	158.14	117
		26500	194.63	95
Phase Change VS Temperature	≤1500 PPM	31000	211.89	87
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	18.40 mm	Times	SFT-142	
Min Bending Radius/Repeated	46.00mm			
Weight	0.050kg/m			
Operating Temperature	-55-+200°C			