


## Фазостабильный кабель с низкими потерями серии F

Product Type		F120		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	7/1.17		
	Nom.Dia(mm)	3.50		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	10.00		
Inner shield	Material	Flat Silver Plated Copper Braided Strip		
	Nom.Dia(mm)	10.32		
Interlayer	Material	High temperature aluminium foil		
	Nom.Dia(mm)	10.45		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	11.02		
Jacket	Material	Transparent Blue FEP		
	Nom.Dia(mm)	12.00		
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	9.06	3713
Capacitance(pF/m)	88	1000	12.99	2590
Velocity of Propagation	76%	2000	18.72	1797
Max Operating Frequency(GHz)	10	3000	23.25	1446
Screening Effectiveness (dB)	> 100	4000	27.17	1238
Maximum Operating Voltage (V@DC)	50	5000	30.70	1096
		6000	33.94	991
Phase Change VS Bending(°/GHz)	±0.2	7000	36.97	910
		8000	39.83	844
Phase Change VS Temperature	≤1500 PPM	9000	42.56	790
		10000	45.17	745
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	60mm	Times	SFT-226	
Min Bending Radius/Repeated	120mm			
Weight	0.300kg/m			
Operating Temperature	-55-+200°C			