


Фазостабильный кабель с низкими потерями серии F

Product Type		F93		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/2.44		
	Nom.Dia(mm)	2.44		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	7.30		
Inner shield	Material	Flat Silver Plated Copper Braided Strip		
	Nom.Dia(mm)	7.54		
Interlayer	Material	High temperature aluminium foil		
	Nom.Dia(mm)	7.67		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	8.19		
Jacket	Material	Transparent Blue FEP		
	Nom.Dia(mm)	9.30		
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	100	4.52	6469
Capacitance(pF/m)	88	300	7.91	3699
Velocity of Propagation	76%	500	10.27	2846
Max Operating Frequency(GHz)	12.4	1000	14.71	1989
Screening Effectiveness (dB)	> 100	2000	21.15	1383
Maximum Operating Voltage (V@DC)	50	3000	26.23	1115
		6000	38.15	767
Phase Change VS Bending(°/GHz)	±0.2	8000	44.70	654
		10000	50.61	578
Phase Change VS Temperature	≤1500 PPM	12000	56.07	522
		12400	57.11	512
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	47mm	Times	SFT-393	
Min Bending Radius/Repeated	94mm			
Weight	0.194kg/m			
Operating Temperature	-55-+200°C			