


## Фазостабильный кабель с низкими потерями серии F

Product Type		F63.5		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/1.57		
	Nom.Dia(mm)	1.57		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	4.70		
Inner shield	Material	Flat Silver Plated Copper Braided Strip		
	Nom.Dia(mm)	4.90		
Interlayer	Material	High temperature aluminium foil		
	Nom.Dia(mm)	5.04		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	5.66		
Jacket	Material	Transparent Blue FEP		
	Nom.Dia(mm)	6.35		
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	15.56	1453
Capacitance(pF/m)	88	1000	22.18	1019
Velocity of Propagation	76%	2400	34.87	649
Max Operating Frequency(GHz)	23	3000	39.17	577
Screening Effectiveness (dB)	>100	6000	56.43	401
Maximum Operating Voltage (V@DC)	50	8000	65.79	344
		10000	74.18	305
Phase Change VS Bending(°/GHz)	±0.2	12400	83.36	271
		18000	102.24	221
Phase Change VS Temperature	≤1500 PPM	20000	108.37	209
		23000	117.14	193
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	31.50mm	Times	SFT-304	
Min Bending Radius/Repeated	63.00mm			
Weight	0.085kg/m			
Operating Temperature	-55-+200°C			