


Фазостабильный кабель с низкими потерями серии F

Product Type		F52		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/1.45		
	Nom.Dia(mm)	1.45		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	4.35		
Inner shield	Material	Flat Silver Plated Copper Braided Strip		
	Nom.Dia(mm)	4.55		
Interlayer	Material	High temperature aluminium foil		
	Nom.Dia(mm)	4.69		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	5.21		
Jacket	Material	Transparent Blue FEP		
	Nom.Dia(mm)	5.60		
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	300	13.75	1823
Capacitance(pF/m)	88	500	17.79	1409
Velocity of Propagation	76%	1000	25.26	993
Max Operating Frequency(GHz)	25	2400	39.41	636
Screening Effectiveness (dB)	>100	3000	44.17	568
Maximum Operating Voltage (V@DC)	50	6000	63.04	398
		8000	73.14	343
Phase Change VS Bending(°/GHz)	±0.2	10000	82.12	305
		12400	91.86	273
Phase Change VS Temperature	≤1500 PPM	18000	111.68	225
		20000	118.06	212
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	26.50mm	Astrolab	32055	
Min Bending Radius/Repeated	53.00mm			
Weight	0.086kg/m			
Operating Temperature	-55-+200°C			