


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)	1/1.29		
	Nom.Dia(mm)	1.29		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	3.91		
Inner shield	Material	Flat Silver Plated Copper Braided Strip		
	Nom.Dia(mm)	4.12		
Interlayer	Material	High temperature aluminium foil		
	Nom.Dia(mm)	4.26		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	4.78		
Jacket	Material	Transparent Blue FEP		
	Nom.Dia(mm)	5.20		
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	19.44	1065
Capacitance(pF/m)	88	1000	27.67	748
Velocity of Propagation	76%	2000	39.47	525
Max Operating Frequency(GHz)	28	3000	48.67	425
Screening Effectiveness (dB)	>100	4000	56.52	366
Maximum Operating Voltage (V@DC)	50	6000	69.87	296
		8000	81.31	255
Phase Change VS Bending(°/GHz)	±0.2	10000	91.53	226
		12400	102.67	202
Phase Change VS Temperature	≤1500 PPM	18000	125.51	165
		26500	155.04	134
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	18.40 mm	Times	SFT-205	
Min Bending Radius/Repeated	46.00mm			
Weight	0.06kg/m			
Operating Temperature	-55-+200°C			