


Фазостабильный кабель с низкими потерями серии F

Product Type		F78		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/2.1		
	Nom.Dia(mm)	2.1		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	6.30		
Inner shield	Material	Flat Silver Plated Copper Braided Strip		
	Nom.Dia(mm)	6.62		
Interlayer	Material	High temperature aluminium foil		
	Nom.Dia(mm)	6.74		
Outer shield	Material	Round Silver Plated Copper Braided Wire		
	Nom.Dia(mm)	7.25		
Jacket	Material	Transparent Blue FEP		
	Nom.Dia(mm)	7.80		
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	5.26	5076
Capacitance(pF/m)	88	300	9.27	2883
Velocity of Propagation	76%	500	12.10	2208
Max Operating Frequency(GHz)	17	1000	17.46	1530
Screening Effectiveness (dB)	>100	2000	25.39	1052
		3000	31.76	841
Maximum Operating Voltage (V@DC)	50	6000	47.02	568
		8000	55.57	481
Phase Change VS Bending(°/GHz)	±0.2	10000	63.40	421
		12400	72.11	370
Phase Change VS Temperature	≤1500 PPM	15000	80.94	330
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	38mm	Astrolab	32051	
Min Bending Radius/Repeated	76mm			
Weight	0.130kg/m			
Operating Temperature	-55-+200°C			