

Фазостабильные кабели с низкими потерями серии SF

Product Type		SF047-FEP		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/0.29		
	Nom.Dia(mm)	0.29		
Insulation	Material	PTFE		
	Nom.Dia(mm)	0.94		
Outer Conductor	Material	Tinned Copper Wire Braid+Tin Soaked		
	Nom.Dia(mm)	1.19		
Jacket	Material	FEP		
	Nom.Dia(mm)	1.65		
Electrical Characteristics				
Item	Standard Value	Attenuation and Power handling@25°C and Sea Level		
		Frequency (MHz)	Attenuation (dB/m)	Power handling (w)
Impedance (Ω)	50±2.5	500	0.82	45
Capacitance(pF/m)	95	1000	1.17	32
Velocity	70%	2000	1.68	23
Time Delay(ns/m)	4.7	3000	2.08	18
Max Operating Voltage(V)	1500	5000	2.73	14
		6000	3.01	13
Cut-off Frequency(GHz)	109	10000	3.98	10
		18000	5.52	8
Screening Effectiveness(dB)	> 100	26500	6.88	6
		40000	8.75	5
Mechanical & Environmental Characteristics				
Min Bending Radius/Single		mm	4.0	
Min Bending Radius/Repeated		mm	20.00	
Weight		kg/m	0.008	
Operating Temperature		℃	-55-+125	