



Electrical	Standard
Frequency Range	100 to 3000 MHz
3dB Relative Bandwidth (% of Fc)	1 to 40
Nominal Impedance	50
Maximum Insertion Loss	3 to 7 dB
Maximum VSWR	1.5 / 1
Number of Channels	2 to 8
Switching Speed	300 Ns Maximum
Bias	- 5 V DC / + 5 V DC

Environmental	
Shock	5 G's
Vibration	5 G's
Gross Leak	MIL-STD-202 Method 12 Test Condition D
Fine Leak	MIL-STD-202 Method 12 Test Condition C
Humidity	95% relative
Altitude	+/- 50,000 Feet
Temperature Range (Operating)	-40°C to + 85°C
Temperature (Non-Operating)	-54°C to + 125°C

Mechanical	
Package Style	SMA, Feed Through Pins, or SMT

*Contact Benchmark Lark Engineering for Special Configurations

SFB Series Dimensions

# of Filters	W	L	H
2	1.780	4.210	0.500
3	2.105	4.210	0.500
4	2.430	4.210	0.500
5	2.755	4.210	0.500
6	3.080	4.210	0.500
7	3.405	4.210	0.500
8	3.730	4.210	0.500