

SF0070Y4

• Specifications

Item	Unit	Min	Typical	Max
Center Frequency, f_c	MHz		69.838	
Insertion Loss ¹⁾	dB		22.3	25.0
1dB Bandwidth	MHz		9.49	
3dB Bandwidth	MHz	9.7	9.79	
30dB Bandwidth	MHz		10.75	11.0
40dB Bandwidth	MHz		10.96	
Passband Ripple ²⁾	P-P dB		0.80	1.5
Group Delay Ripple ²⁾	P-P nsec		50	350
Phase Linearity ²⁾	rms degree		1.97	6.0
Ultimate Rejection	dBc	40.0	50	
Operating Temperature Range	°C	20	25	30
Absolute Group Delay	usec		1.47	
Package	mm ³	13.3x6.5x2.0		
Notes	1) Insertion loss with matching circuit 2) $f_c - 4.5\text{MHz} \sim f_c + 4.5\text{MHz}$			

• Matching Circuit

