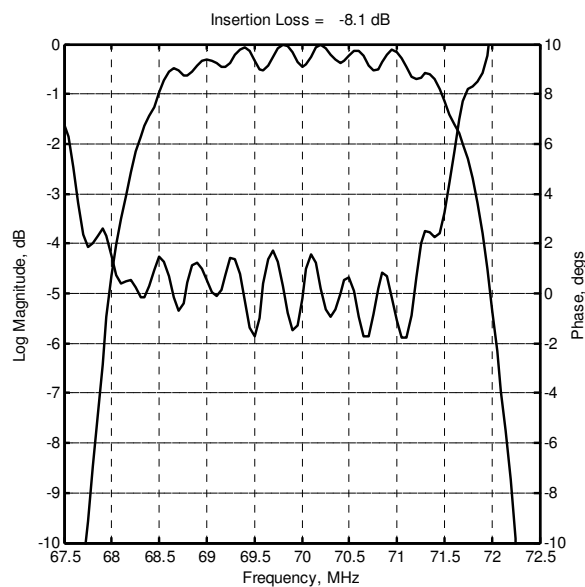
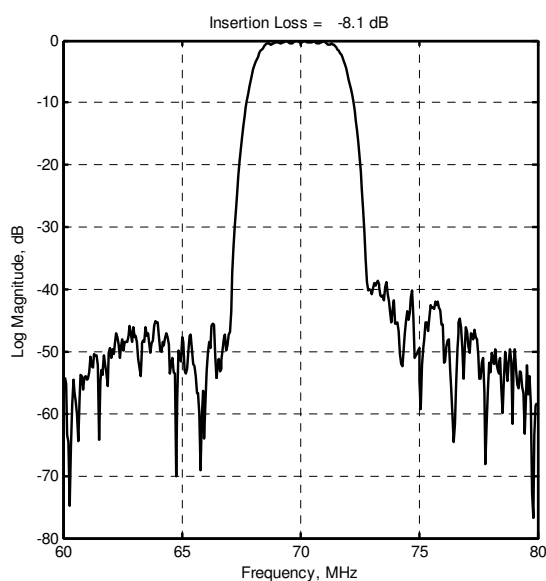


Typical Performance



Specifications

Parameter	Unit	Min	Typ	Max	Note
Center Frequency f_o	MHz	69.85	70	70.15	
Insertion Loss at f_o	dB		8.1	9	Inductor Q=30
1 dB Bandwidth	MHz	2.85	3		
3 dB Bandwidth	MHz	3.2	3.67		
40 dB Bandwidth	MHz		5.7	6.6	
Stop-Band Attenuation	dB	37	40		
Passband Ripple	dB		0.7	1	90% of 1 dB BW (p-p)
Phase Linearity	degs		4	7	90 % of 1 dB BW (p-p)
Group Delay Variation	nsecs		140	180	90 % of 1 dB BW (p-p)
Absolute Delay	μ sec		1.25		
Substrate Material			YZ LiNbO ₃		
Temperature Shift	ppm/ $^{\circ}$ C		-94		
Ambient Temperature	$^{\circ}$ C		25		
Package Size	mm		13.3 x 6.5		SMD

Matching Configuration

$L_1 = 240$ nH, $L_2 = 300$ nH
 $Q_1 = Q_2 = 30$

Source/Load
 Impedance = 50Ω

