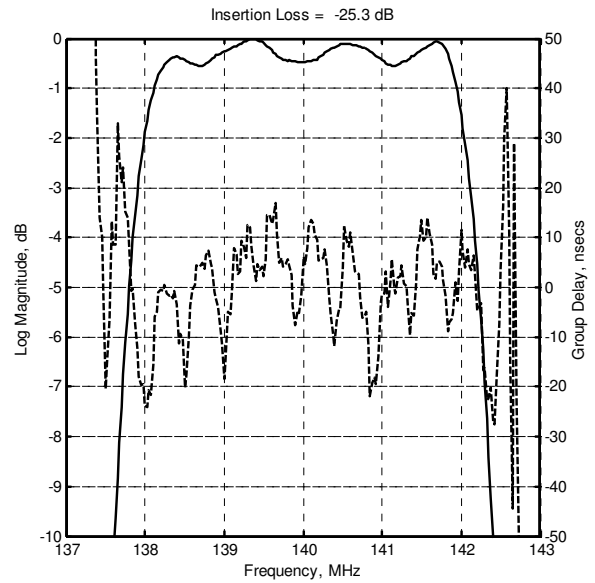
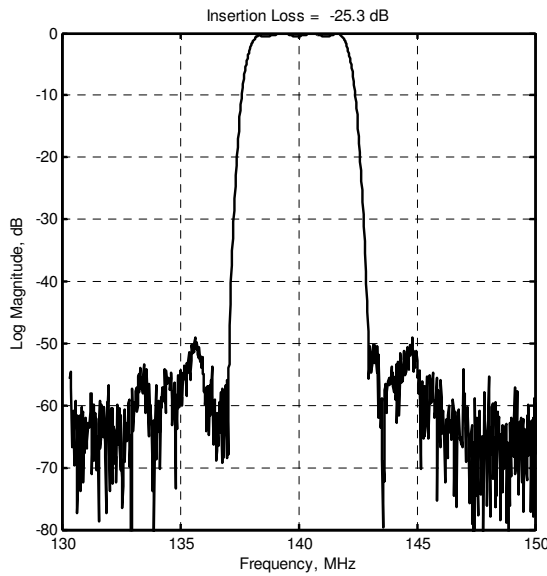


Typical Performance



Specifications

Parameter	Unit	Min	Typ	Max	Note
Center Frequency f_o	MHz		140		
Insertion Loss at f_o	dB		25.3	27	Matched
1 dB Bandwidth	MHz	3.75	3.85		
3 dB Bandwidth	MHz	4.1	4.2		
40 dB Bandwidth	MHz		5.75	6.1	
Ultimate Rejection	dB	-45	-50		
Passband Ripple	dB		0.5	0.8	p-p
Phase Linearity	degs		3	5	p-p
Group Delay Variation	nsecs		40	80	p-p
Absolute Delay	μ sec		2.15		
Substrate Material			Quartz		
Ambient Temperature	$^{\circ}$ C		25		
Package Size	mm		22 x 13		DIP

Matching Configuration

$L_1=L_2=100$ nH

$Q_1=Q_2=30$

Source/Load

Impedance=50 Ω

