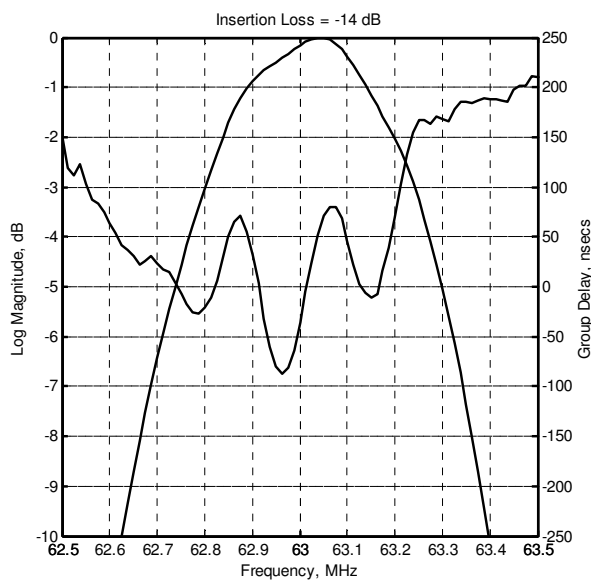
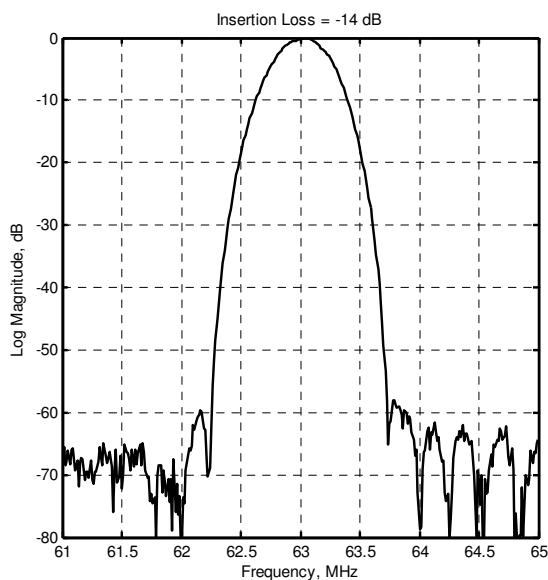


Typical Performance



Specifications

Parameter	Unit	Min	Typ	Max	Note
Center Frequency f_o	MHz		63		
Insertion Loss at f_o	dB		14	15	Matched, Q=45
3 dB Bandwidth	MHz	0.4	0.435		
55 dB Bandwidth	MHz		1.44	1.6	
Ultimate Rejection	dB	58	65		
Passband Ripple	dB		0.8	1	at $f_o \pm 0.1$ MHz (p-p)
Triple Transit Suppression	dB	35	40		
Group Delay Variation	nsecs		150	200	At 3 dB bandwidth
Phase Linearity	degs		1.5	3	At 3 dB bandwidth
Substrate Material			Quartz		
Operating Temperature	°C	-55	25	+85	
Storage Temperature	°C	-55	25	+125	
Package Size	mm		20.2 x 12.6		DIP

Matching Configuration

$$L_1 = L_2 = 300 \text{ nH}$$

$$Q_1 = Q_2 = 45$$

Source/Load
Impedance = 50 Ω

