

FSMS0086A1

• Specifications

Item	Unit	Min	Typical	Max
Center Frequency, f_c	MHz		86.57	
Insertion Loss ¹⁾	dB		14.0	18.0
3dB Bandwidth	MHz	1.5	1.62	
40dB Bandwidth	MHz		2.54	2.85
Passband Ripple ²⁾	P-P dB		0.65	1.2
Group Delay Ripple ²⁾	P-P nsec		400	450
Phase Linearity ²⁾	rms degree		1.8	6.0
Ultimate Rejection	dBc	40	45	
Operating Temperature Range	°C	0	25	70
Absolute Group Delay	usec		1.8	
Package	mm ³	13.3x6.5x2.0		
Notes	1) Insertion loss with matching circuit 2) $f_c - 0.5\text{MHz} \sim f_c + 0.5\text{MHz}$			

• Matching Circuit

