

180° HYBRID

SURFACE MOUNT MODEL: SMJ-CA13

OCTAVE BANDWIDTH

100 - 2000 MHz

FEATURES:

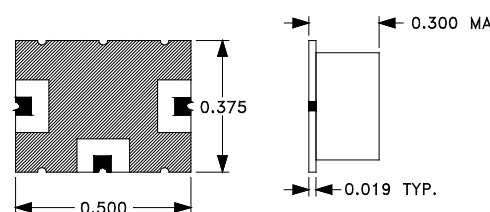
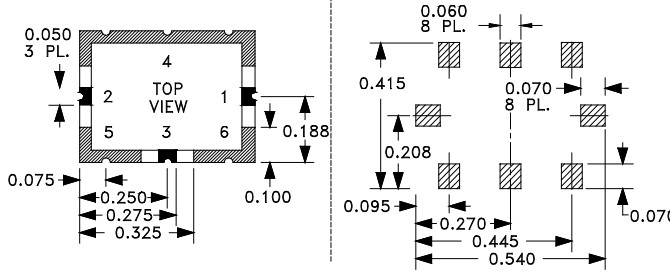
- ▶ Excellent Performance
- ▶ Small Size, Surface Mount
- ▶ Building Block For:
 - Power Amplifiers
 - Image Rejection Mixers
 - I & Q / SSB Modulators
 - Phase Shifters & More...



SPECIFICATIONS (Rev. C 01/22/13)

Frequency	100 - 2000 MHz	
Insertion Loss (dB) *	Typ.	Max.
	1.5	2.5
Amplitude Unbalance	Typ.	Max.
	0.5	1.0
Phase Unbalance	Typ.	Max.
	5.0°	8.0°
Isolation (dB)	Typ.	Min.
	20	15
Input Power	1 Watt (Max.)	
Impedance	50 Ohms (Nom.)	
VSWR	2.0:1 (Max.)	
Operating Temperature Range	-20 to +70 °C	
Storage Temperature Range	-55 to +100 °C	

Package #	152
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Port Configuration			
Input	+180° Output	0° Output	GND.
3	2	1	All Other

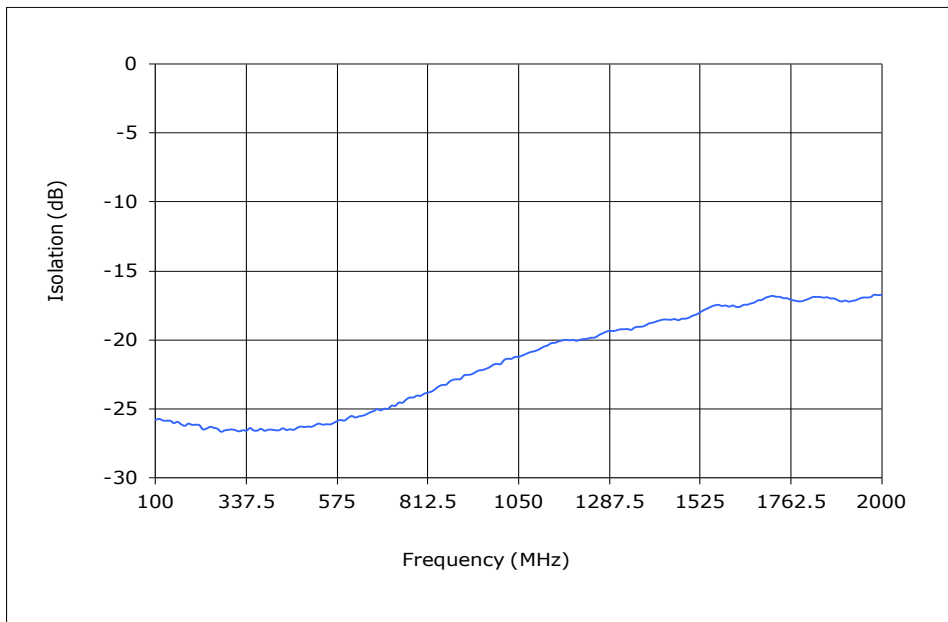
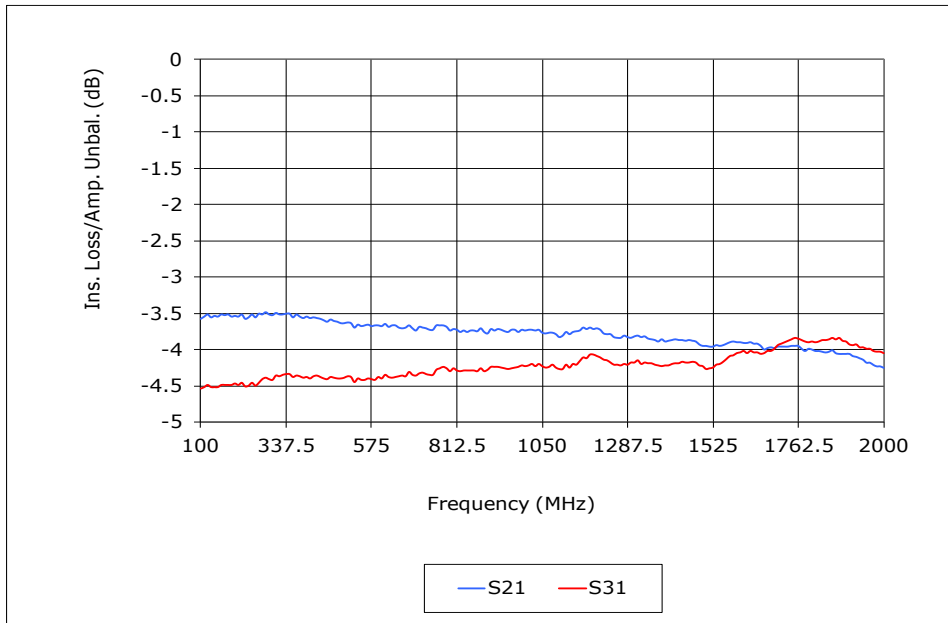
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PERFORMANCE PLOTS

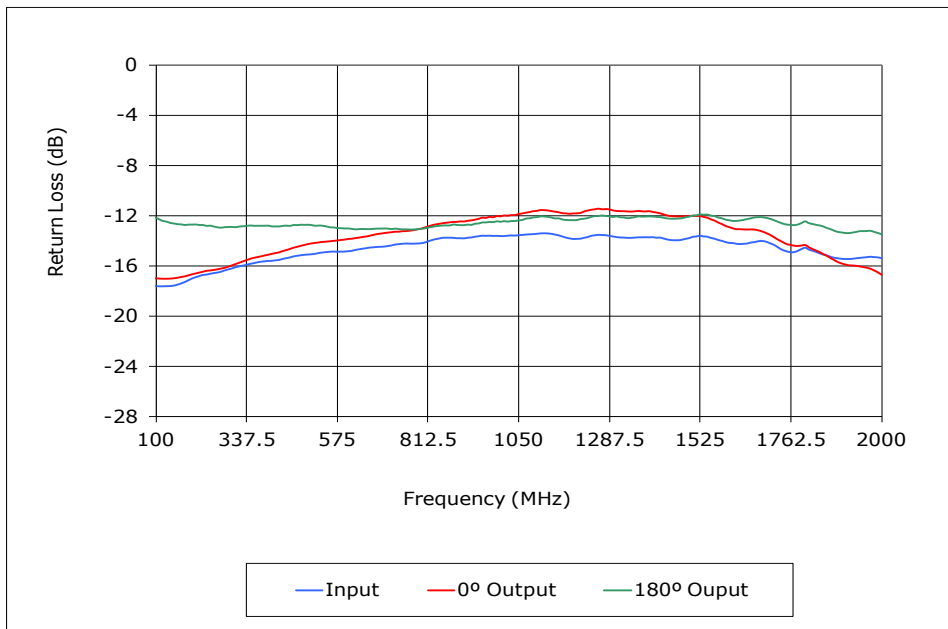
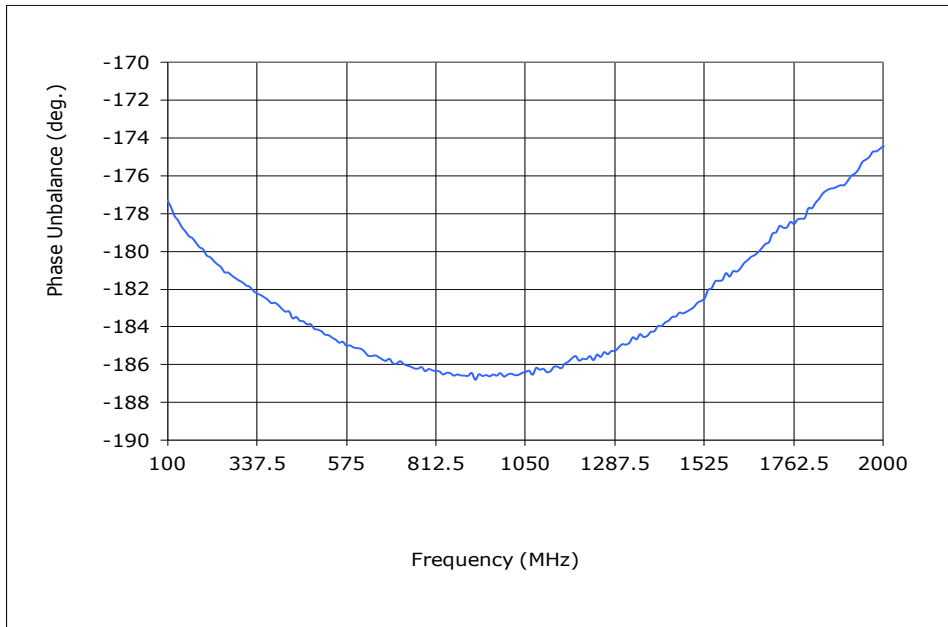
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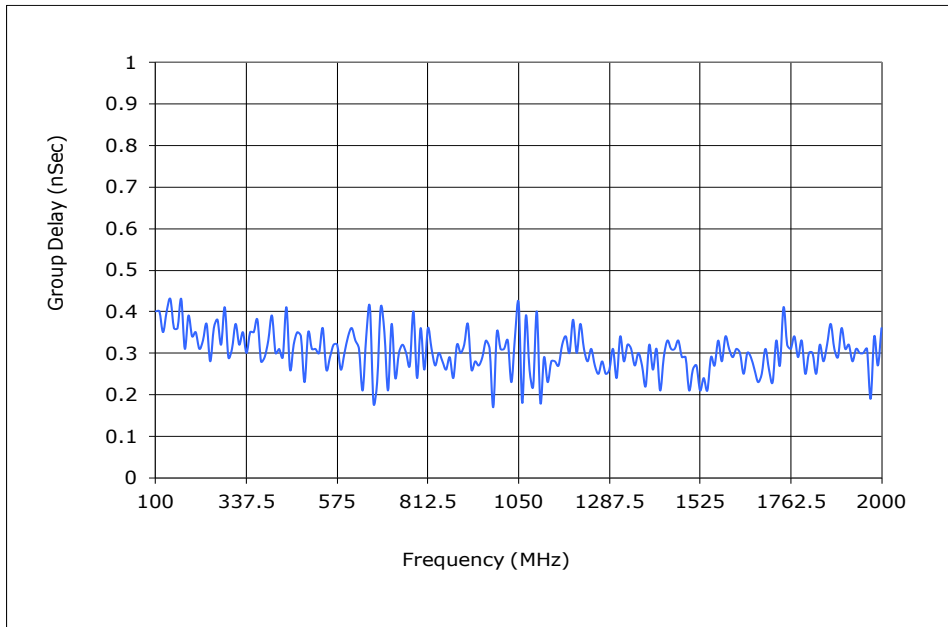
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