

DIRECTIONAL COUPLER

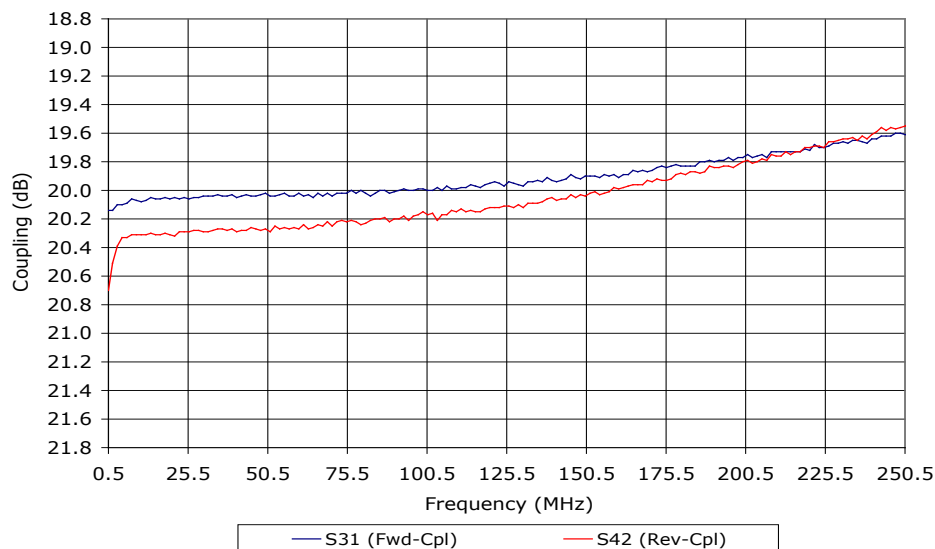
SURFACE MOUNT MODEL: SCL-KA27

OPTIMIZED BANDWIDTH

0.5 - 250 MHz

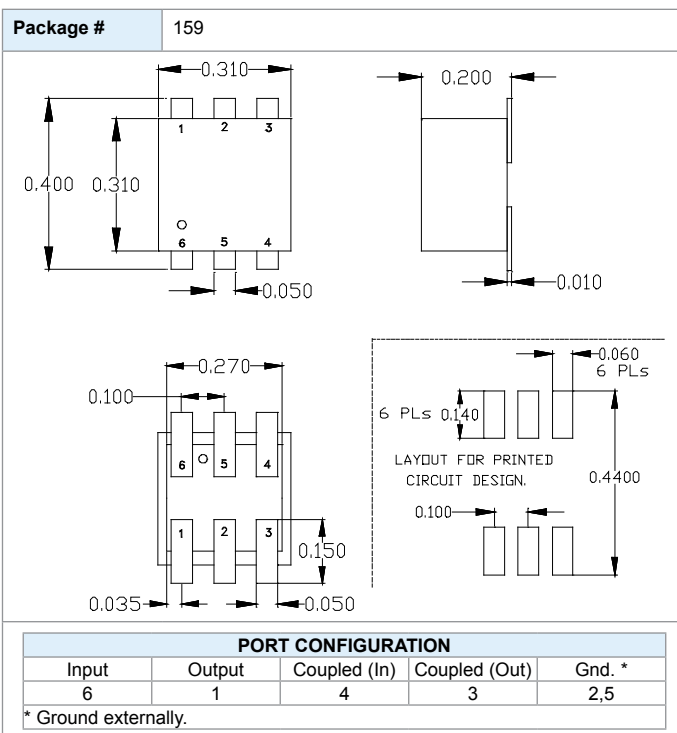
FEATURES:

- ▶ Low Insertion Loss
- ▶ Excellent Coupling Flatness
- ▶ High Directivity
- ▶ Small Size, Surface Mount



SPECIFICATIONS (Rev. C 10/15/09)

Frequency	0.5 - 250 MHz	
Coupling	20 dB (Nom.)	
Coupling Flatness	±0.75 dB (Max.)	
Mainline Loss	Freq. (MHz)	dB(Max.)
	0.5 - 5	1.0
	5 - 250	0.6
Directivity	Freq. (MHz)	dB(Min.)
	1 - 10	22
	10 - 125	25
	125 - 250	18
Output Impedance	50 Ohms (Nom.)	
Input Power	200 mW (Max.)	
VSWR	1.1:1 (Nom.)	
Operating Temperature Range	0 to +70 °C	
Storage Temperature Range	-20 to +85 °C	



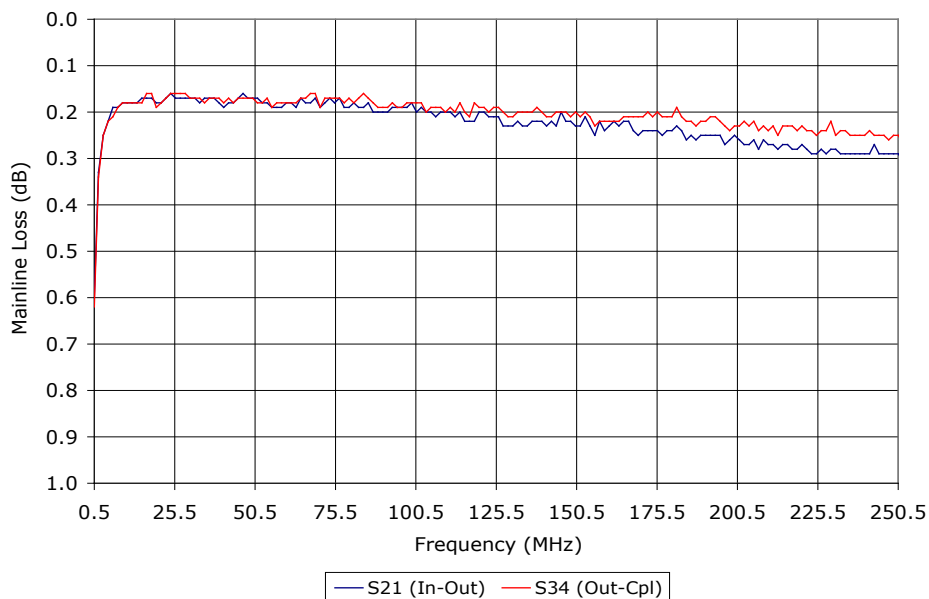
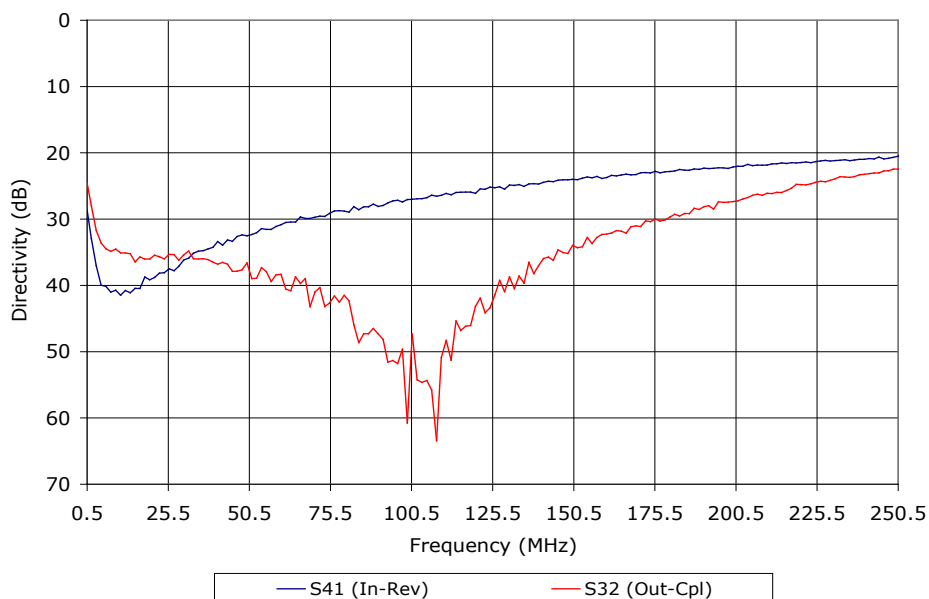
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PERFORMANCE PLOTS

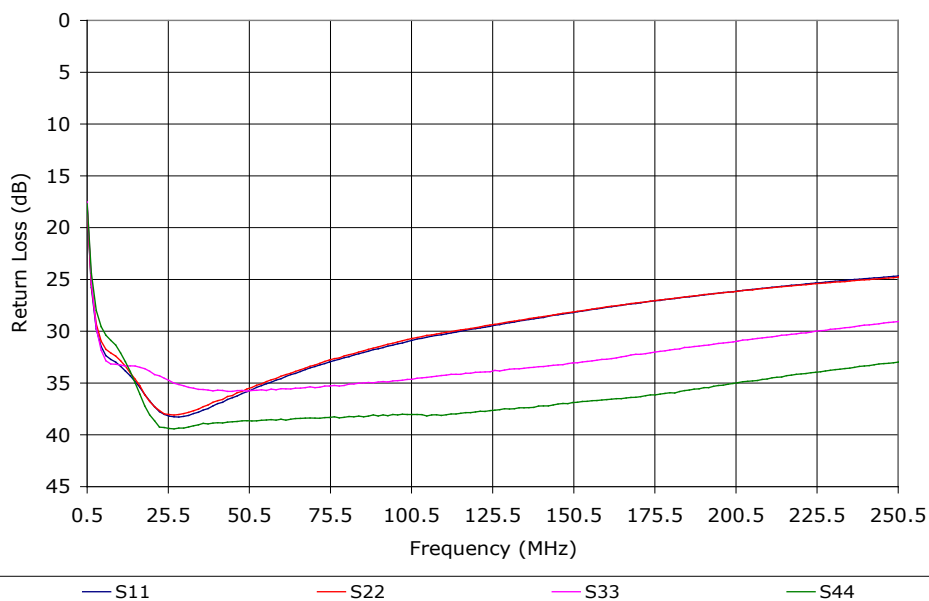


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