

BI-DIRECTIONAL COUPLER

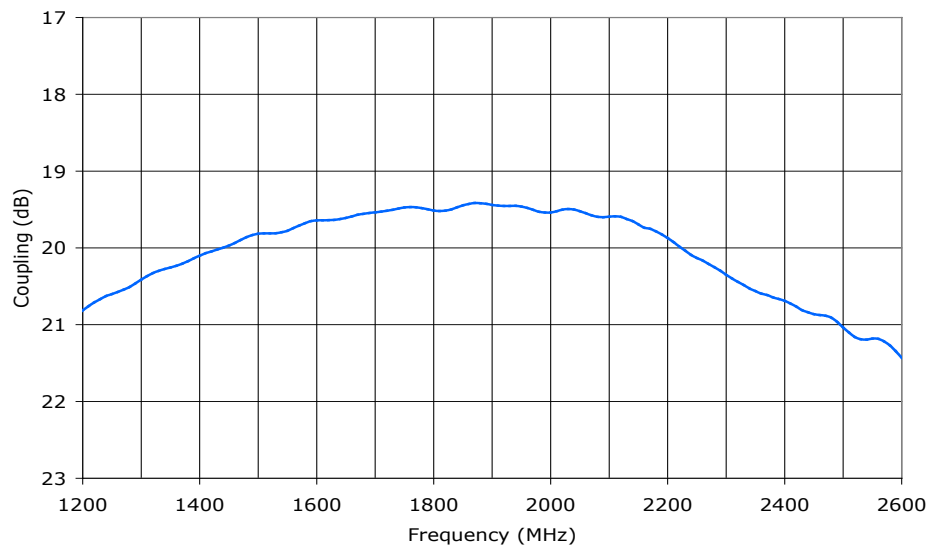
SYNSTRI[®] MODEL: SCS-1522D-1

WIDE BANDWIDTH

1500 - 2500 MHz

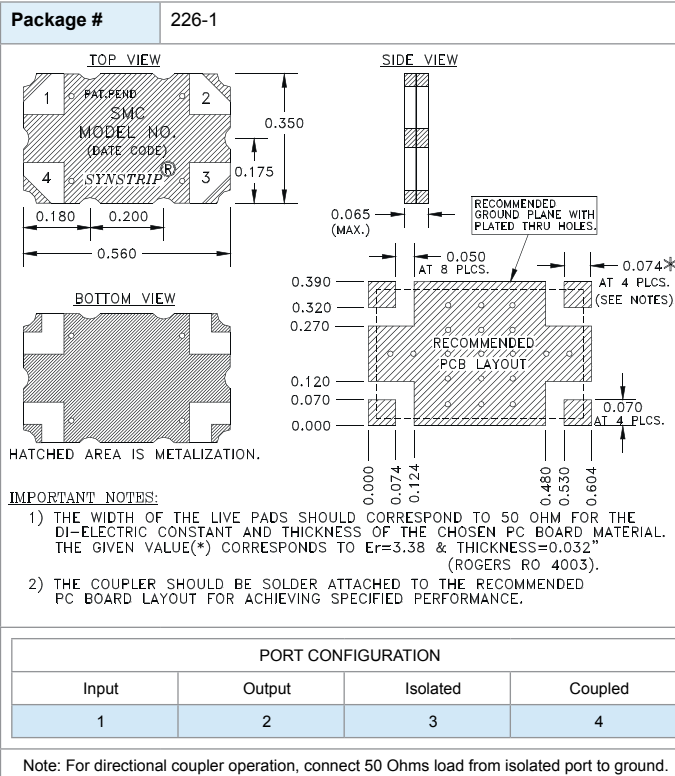
FEATURES:

- ▶ SYNSTRI[®] Technology
- ▶ Small Size, Surface Mount
- ▶ Optimum Performance



SPECIFICATIONS (Rev. B 08/21/07)

Frequency	1500 - 2500 MHz	
Coupling	21 dB ±0.75 dB (Nom.)	
Mainline Loss *	dB (Typ.)	dB (Max.)
	0.4	0.5
Directivity	dB (Typ.)	dB (Min.)
	19.5	15
Frequency Sensitivity	±1 dB (Max.)	
Power Rating	75 Avg. Watts (CW Max.)	
Impedance	50 Ohms (Nom.)	
VSWR	dB (Typ.)	dB (Max.)
	1.20:1	1.35:1
Operating Temperature Range	-55 to +85 °C	
* Including coupling loss		



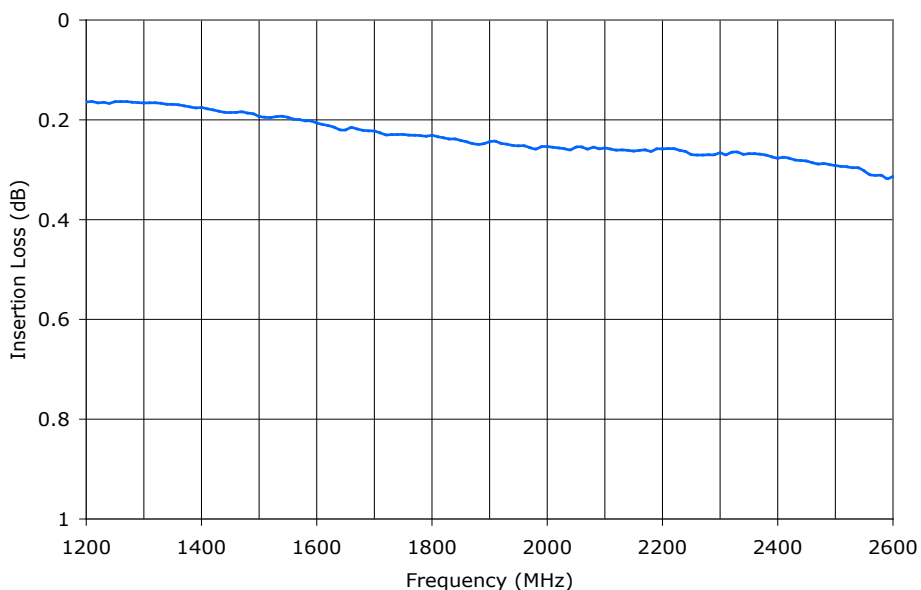
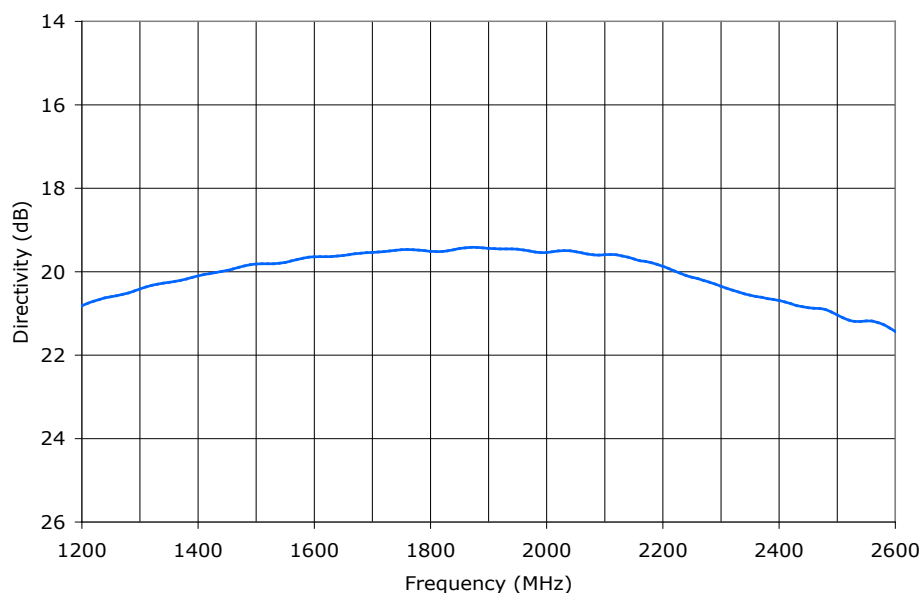
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PERFORMANCE PLOTS

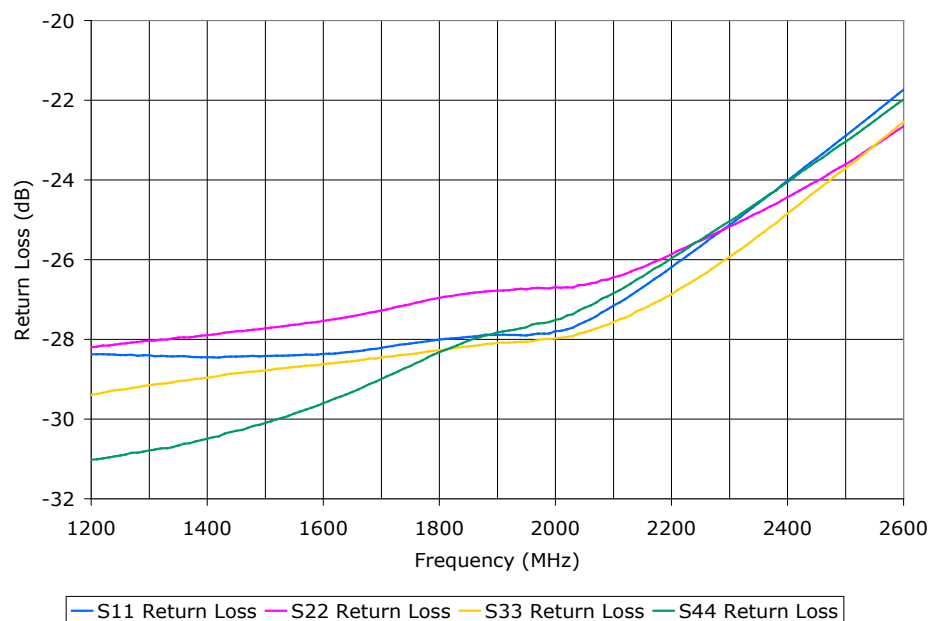


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PERFORMANCE PLOTS