

DIRECTIONAL COUPLER

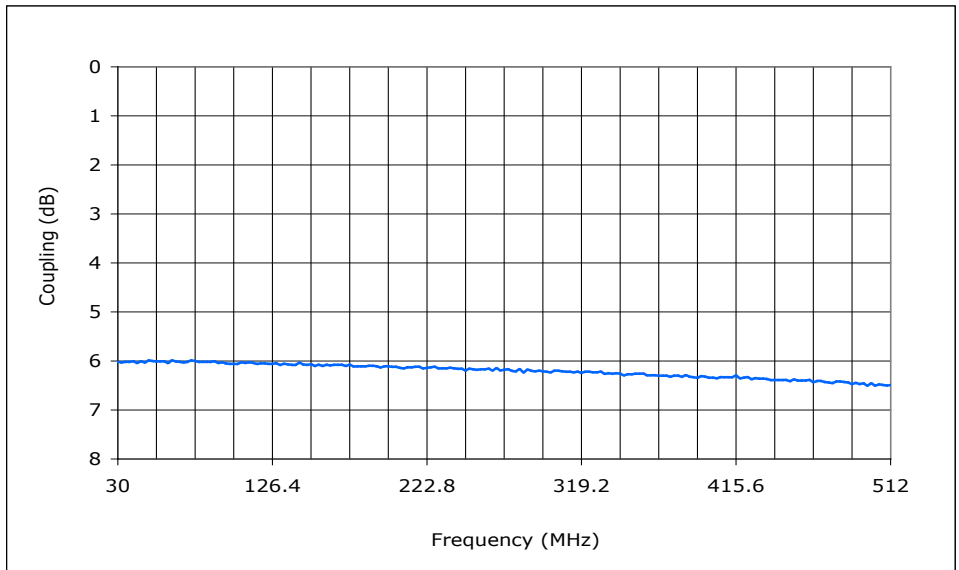
SURFACE MOUNT MODEL: SDC-C2A

WIDE BANDWIDTH

30 - 512 MHz

FEATURES:

- ▶ Low Insertion Loss
- ▶ Excellent Coupling Flatness
- ▶ High Directivity
- ▶ Lead Free - RoHS Compliant
- ▶ Small Size, Surface Mount



SPECIFICATIONS (Rev. B 06/10/14)

Frequency	30 - 512 MHz	
Coupling	6.3 dB \pm 0.5 dB (Nom.)	
Coupling Flatness	\pm 0.5 dB (Typ.)	
Mainline Loss	dB (Typ.)	dB (Max.)
	1.75	2.0
Directivity	dB (Typ.)	dB (Min.)
	25	18
Input Power	2 Watts (Max.)	
Output Impedance	50 Ohms (Nom.)	
VSWR:	1.4:1 (Typ.)	
Operating Temperature Range	-40 to +70 °C	

Package # 152

PORT CONFIGURATION

Input	Output	Coupled	Gnd.
2	1	3	4,5,6

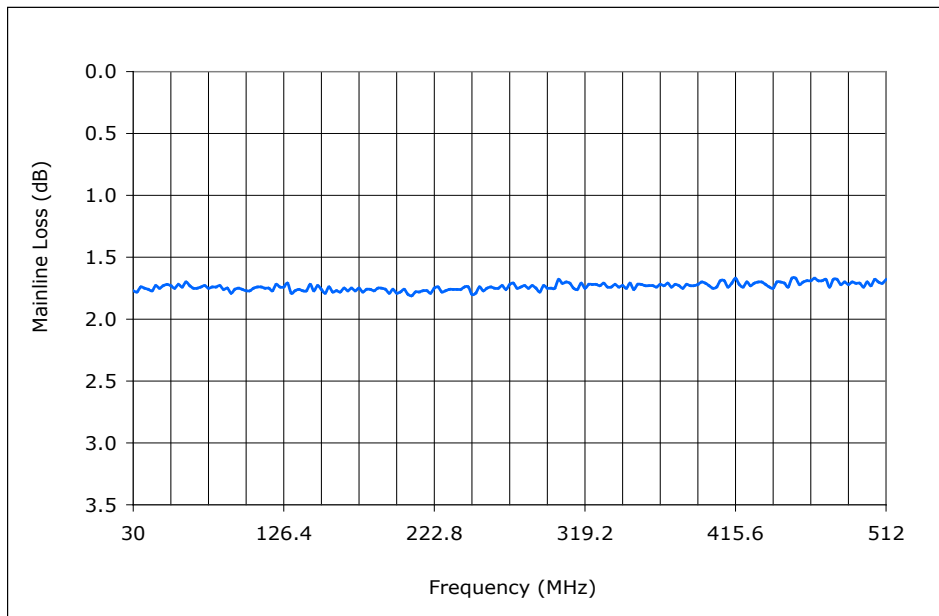
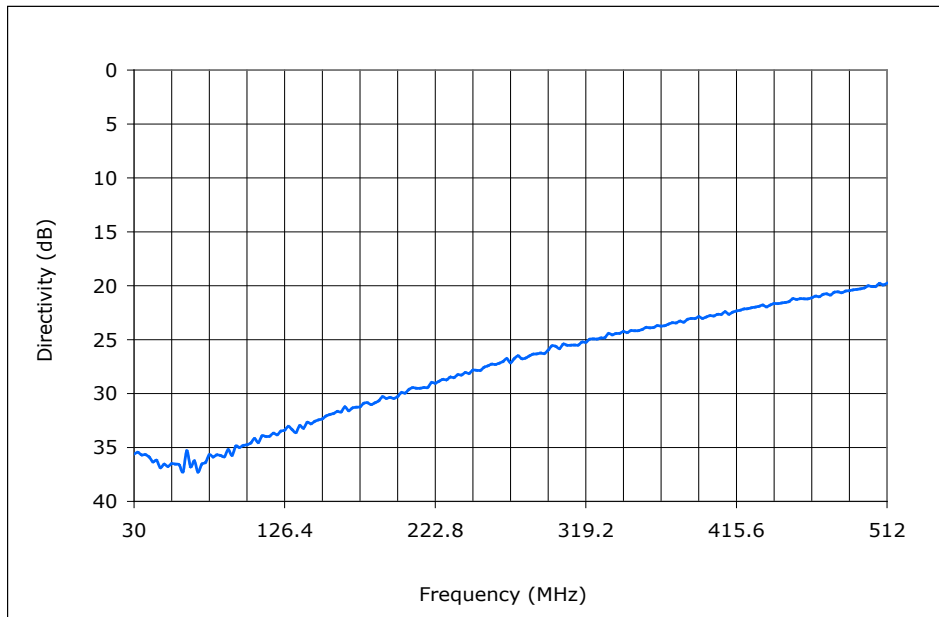
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PERFORMANCE PLOTS

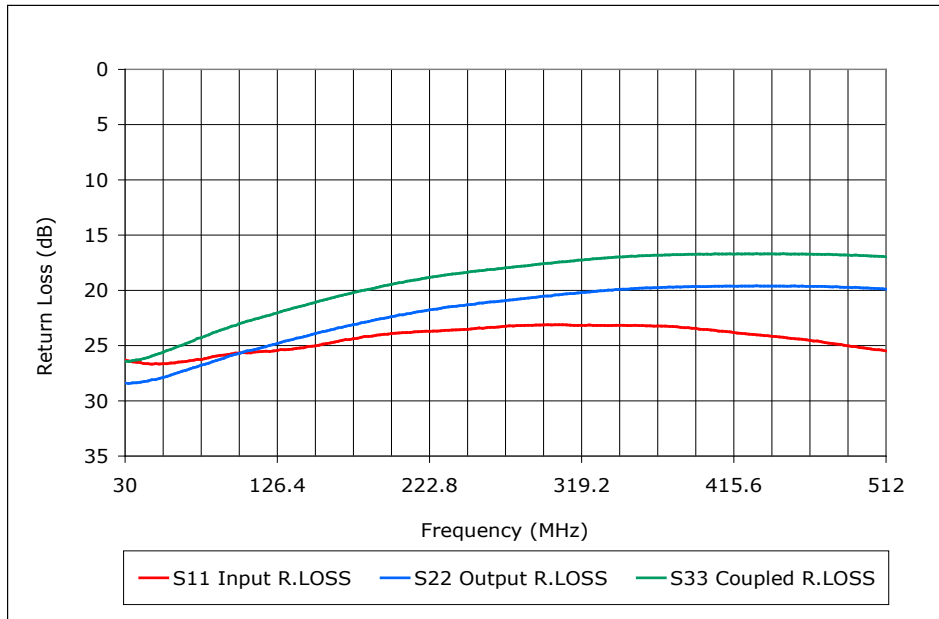


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