

DIRECTIONAL COUPLER

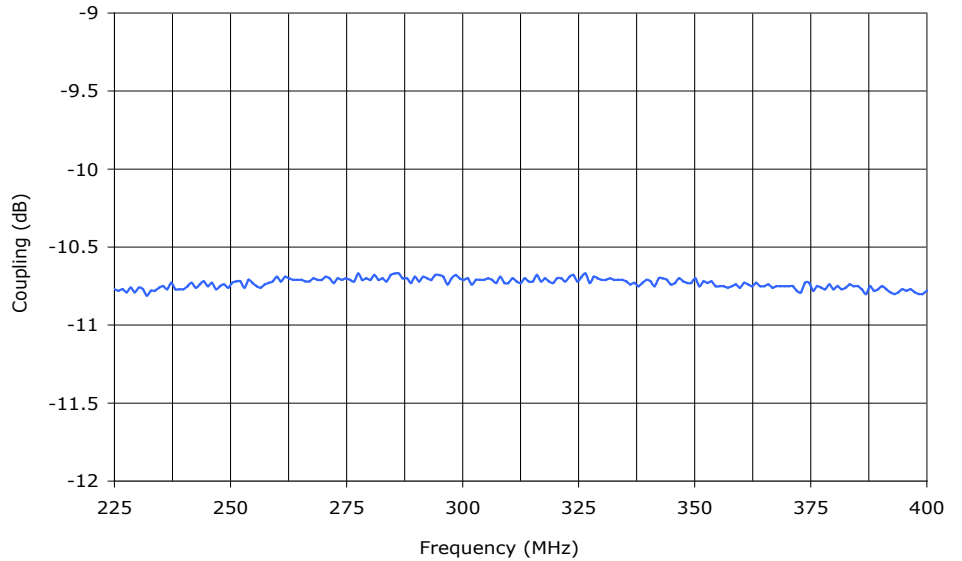
SURFACE MOUNT MODEL: **KBS-10-225**

OPTIMIZED BANDWIDTH

225 - 400 MHz

FEATURES:

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



SPECIFICATIONS (Rev. A 06/13/07)

Frequency	225 - 400 MHz	
Coupling	10.5 dB \pm 1.0 dB (Nom.)	
Coupling Flatness	\pm 0.5 dB	
Mainline Loss	dB (Typ.)	dB (Max.)
	0.6	0.7
Directivity	dB (Typ.)	dB (Min.)
	25	18
Input Power	50 Watts (CW)	
Output Impedance	50 Ohms (Nom.)	
VSWR:	1.3:1 (Typ.)	
Operating Temperature Range	-40 to +70 °C	

Package # 255

PORT CONFIGURATION

Input	Output	Fwd. Coupled	Gnd.	No. Conn.
6	1	4	2,5	3

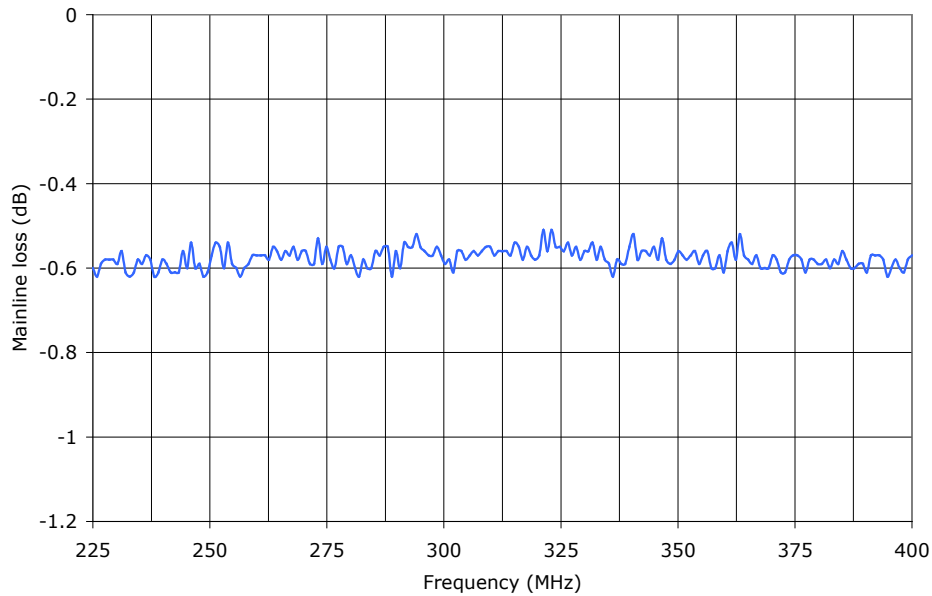
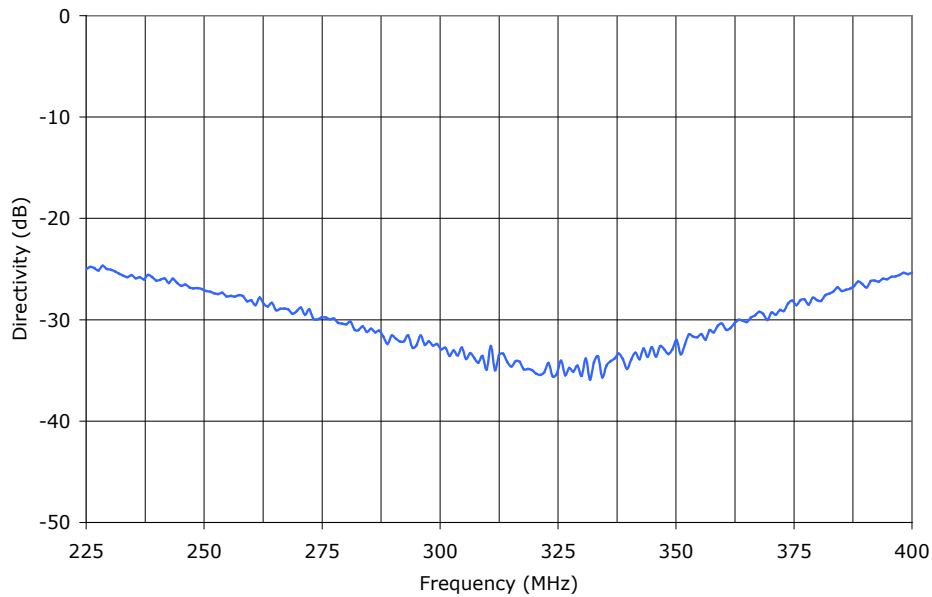
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PERFORMANCE PLOTS

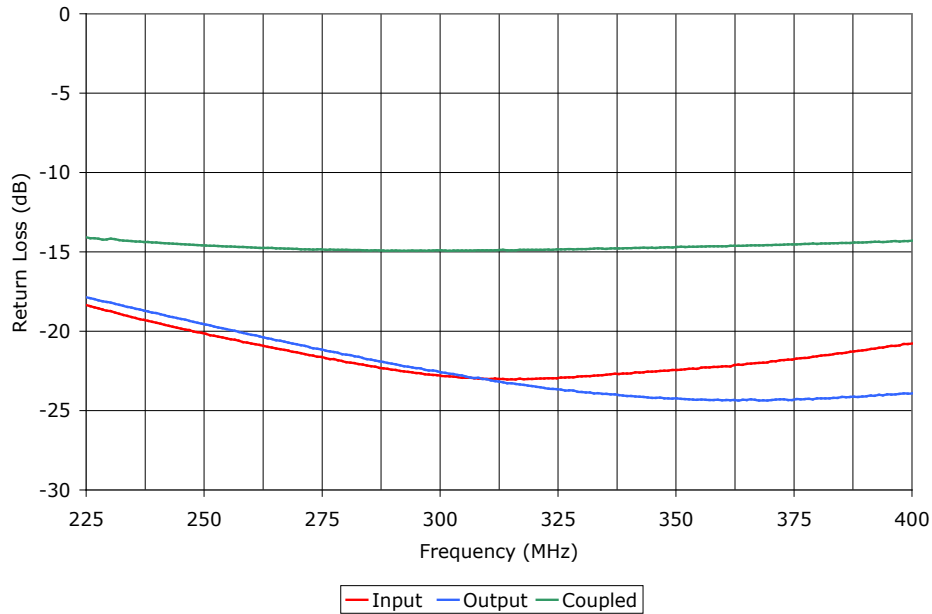


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