

# DIRECTIONAL COUPLER

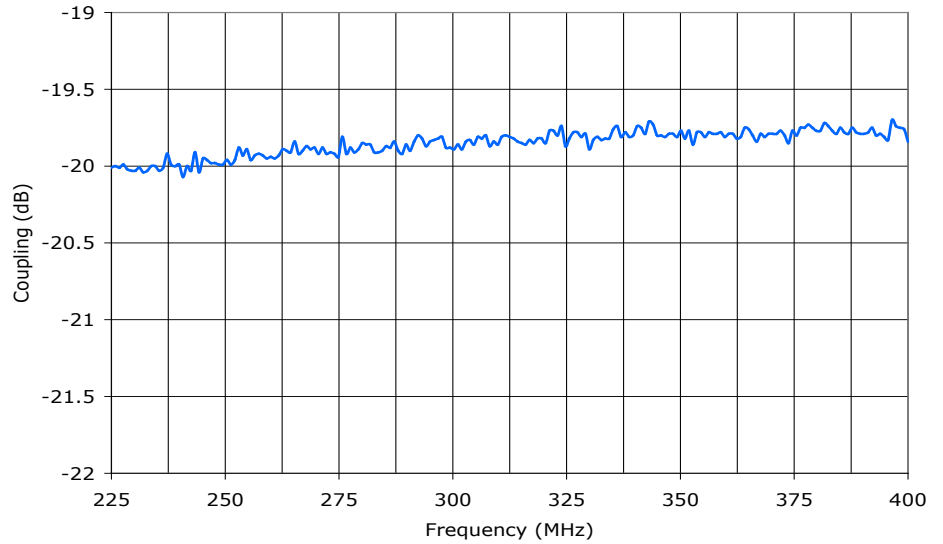
## CONNECTORIZED MODEL: KDK-20-225

**OPTIMIZED BANDWIDTH**

**225 - 400 MHz**

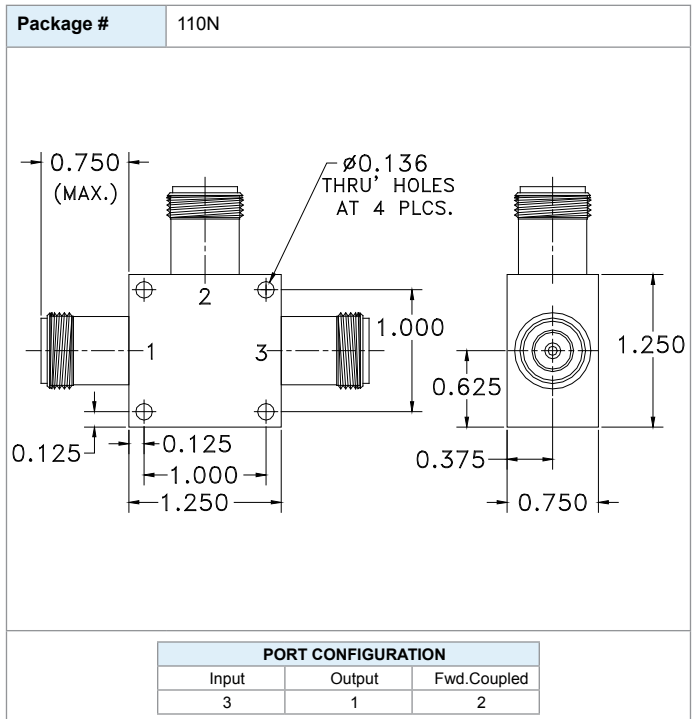
**FEATURES:**

- ▶ Low Insertion Loss
- ▶ Excellent Coupling Flatness
- ▶ High Directivity



**SPECIFICATIONS (Rev. C 05/21/12)**

<b>Frequency</b>	225 - 400 MHz	
<b>Coupling</b>	20 dB $\pm$ 1.0 dB (Nom.)	
<b>Coupling Flatness</b>	$\pm$ 0.5 dB	
<b>Mainline Loss</b>	dB (Typ.)	dB (Max.)
	0.2	0.4
<b>Directivity</b>	dB (Typ.)	dB (Min.)
	25	18
<b>Input Power</b>	50 Watts (CW)	
<b>Output Impedance</b>	50 Ohms (Nom.)	
<b>VSWR:</b>	(Typ.)	(Max.)
	1.20:1	1.35:1
<b>Operating Temperature Range</b>	-40 to +85 °C	



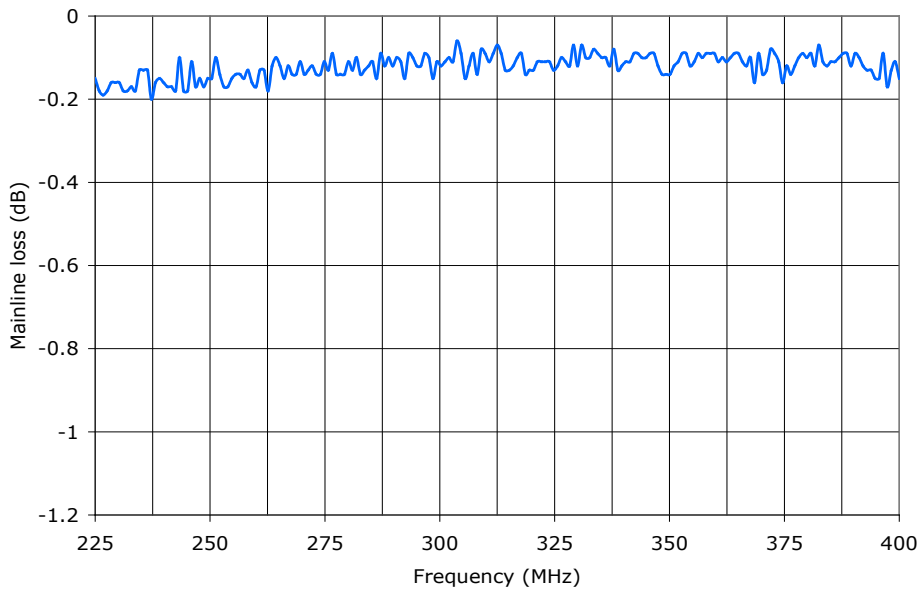
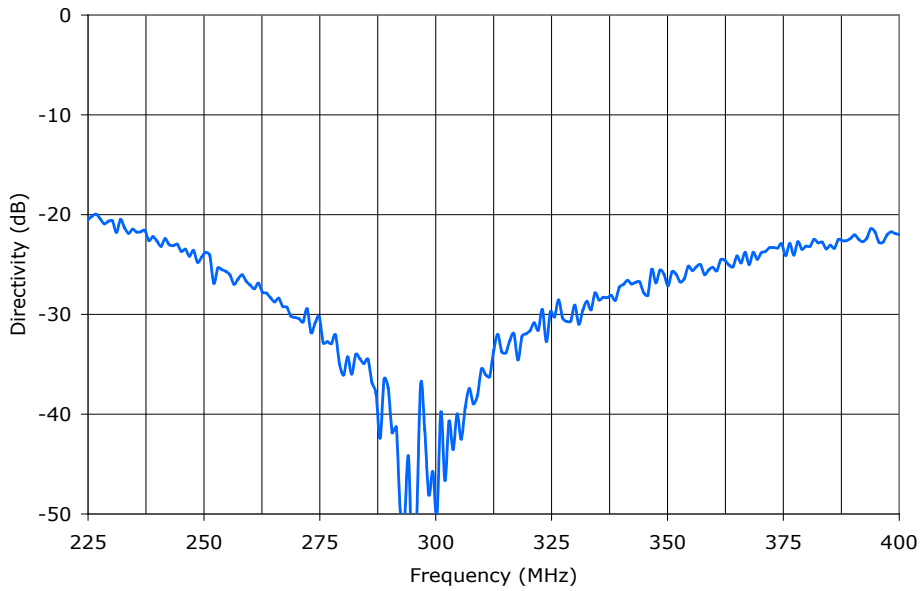
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PERFORMANCE PLOTS

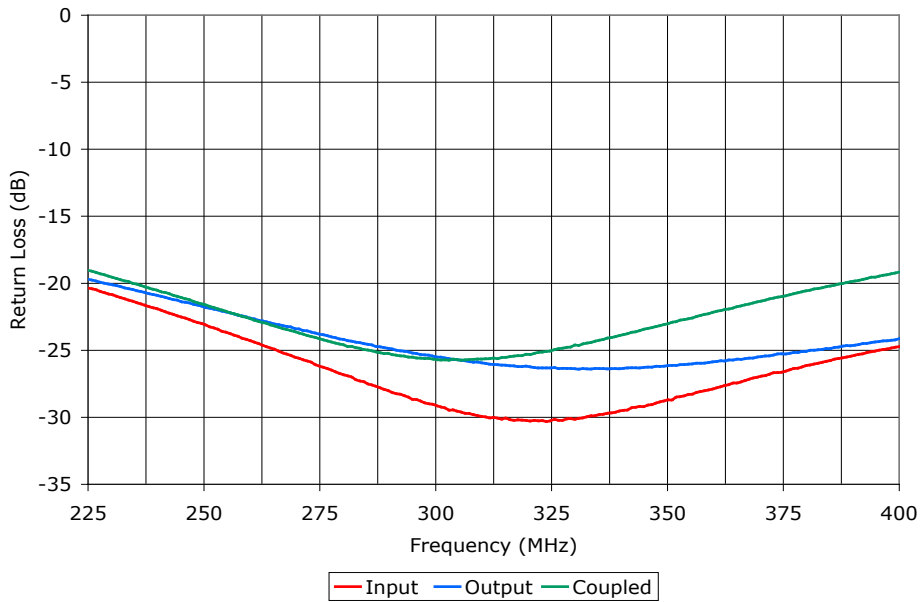


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