

# DIRECTIONAL COUPLER

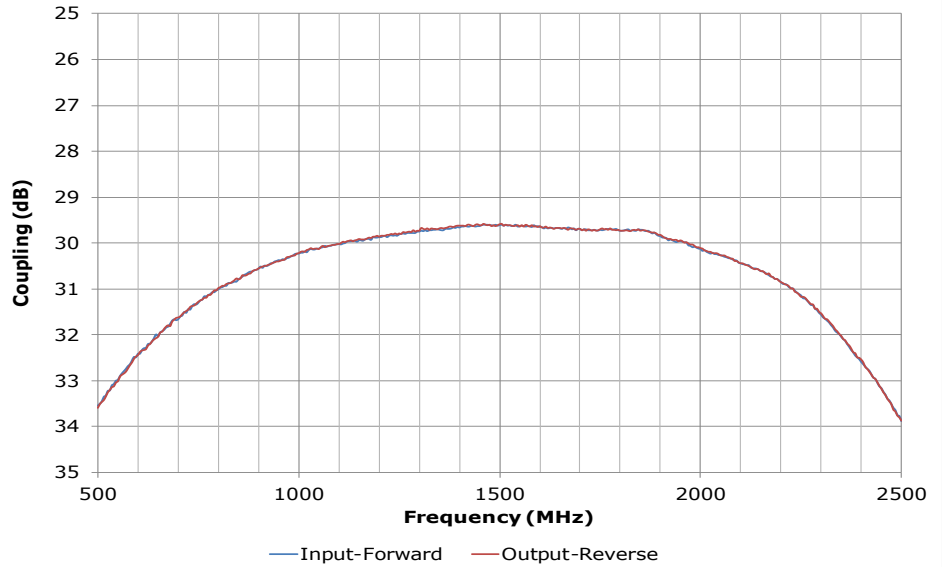
## CONNECTORIZED MODEL: KEK-706H

**HIGH POWER \* WIDEBAND**

**500 - 2500 MHz**

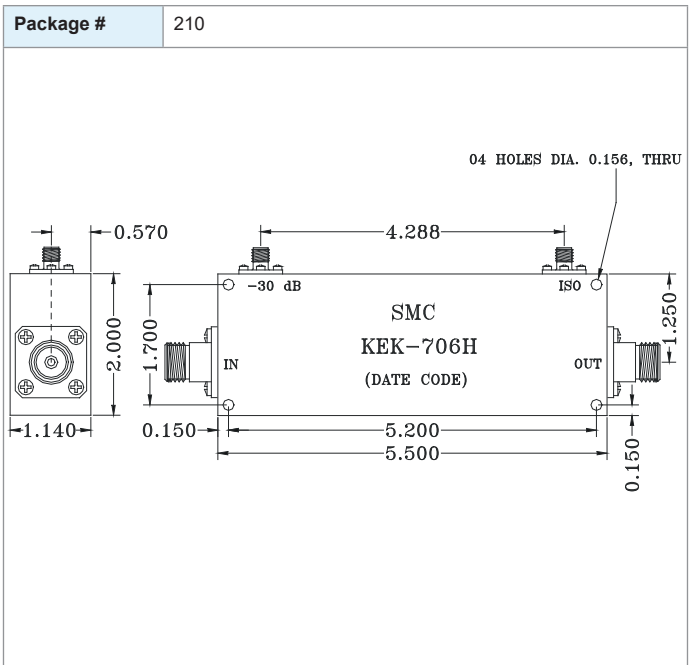
**FEATURES:**

- ▶ High Power
- ▶ Low Insertion Loss
- ▶ Ideal for GSM & PCS/PCN Applications



**SPECIFICATIONS (Rev. B 03/17/17)**

<b>Frequency</b>	500 - 2500 MHz	
<b>Coupling</b>	900 - 2100 MHz	30 dB ( $\pm 1$ dB)
	500 - 2500 MHz	31.5 dB ( $\pm 2$ dB)
<b>Coupling Flatness</b>	900 - 2100 MHz	$\pm 0.5$ dB
	500 - 2500 MHz	$\pm 2.5$ dB
<b>Mainline Loss</b>	0.4 dB (Max.)	
<b>Directivity</b>	900 - 2100 MHz	17 dB (Min.)
	500 - 2500 MHz	12 dB (Min.)
<b>Input Power</b>	100 Watts (Max.)	
<b>Output Impedance</b>	50 Ohms (Nom.)	
<b>VSWR:</b>	1.25:1 (Max.)	
<b>Operating Temperature Range</b>	-20 to +70 °C	



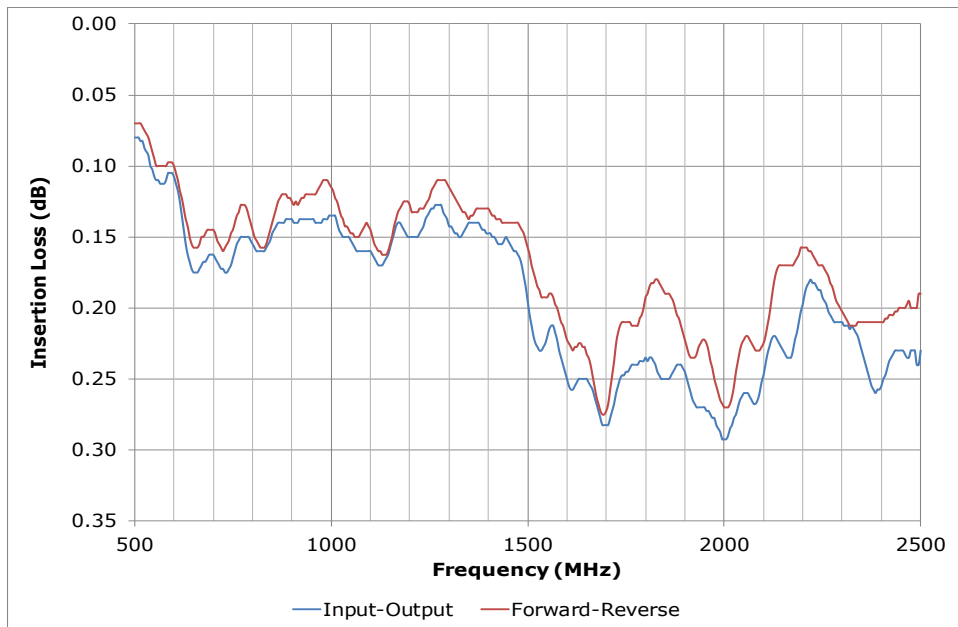
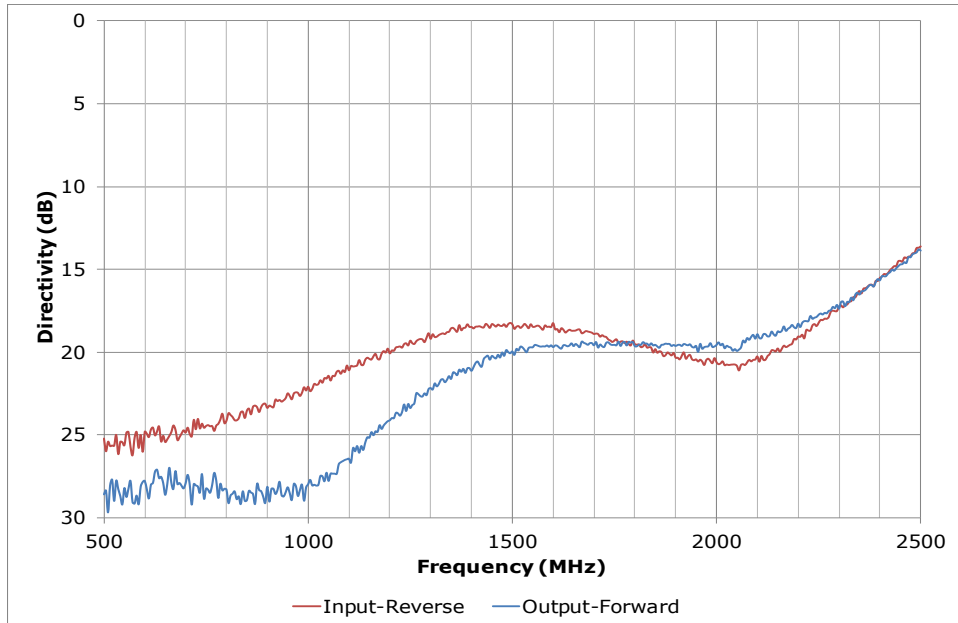
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PERFORMANCE PLOTS

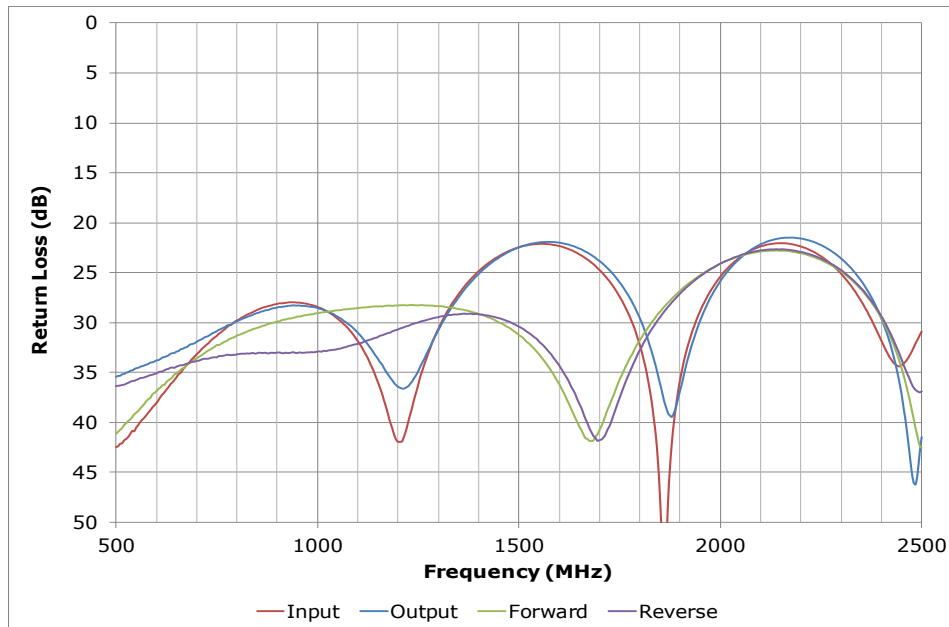


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