

DUAL-DIRECTIONAL COUPLER

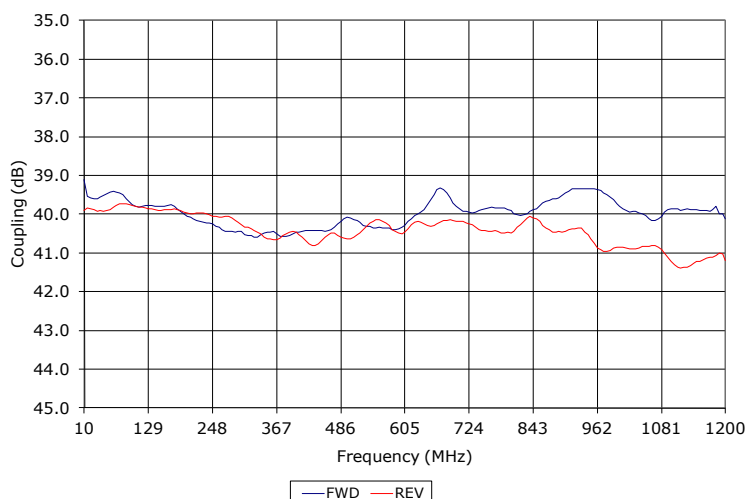
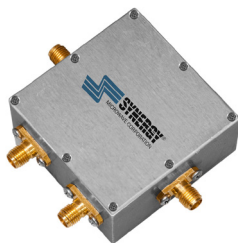
CONNECTORIZED MODEL: KFK-10-1200

WIDE BANDWIDTH

10 - 1200 MHz

FEATURES:

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

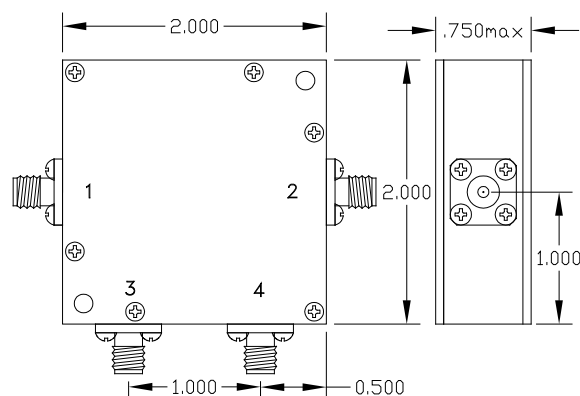


SPECIFICATIONS (Rev A 03/26/13)

Frequency	10 - 1200 MHz	
Coupling	40 dB $\pm$ 1.0 dB (Nom.)	
Coupling Flatness	$\pm$ 1.5 dB	
Mainline Loss	0.40 dB (Typ.) / 0.5 dB (Max.)	
Directivity	22 dB (Typ.) / 14 dB (Min.)	
Input Power Rating	150 Watt (CW) ¹	
Impedance	50 Ohms (Nom.)	
VSWR:	Input/Output	1.25:1 (Typ.)
	Coupled	2.5:1 (Typ.)
Operating Temperature Range	-40 to +85 °C	

¹ Additional heatsink required for $P_{in} > 50$ Watts.

Package # 376

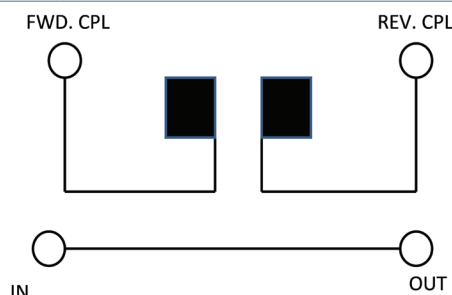


PORT CONFIGURATION

Input	Output	Coupled	Isolated*
1	2	3	4

* Terminate with 50 Ohms externally.

Functional Diagram



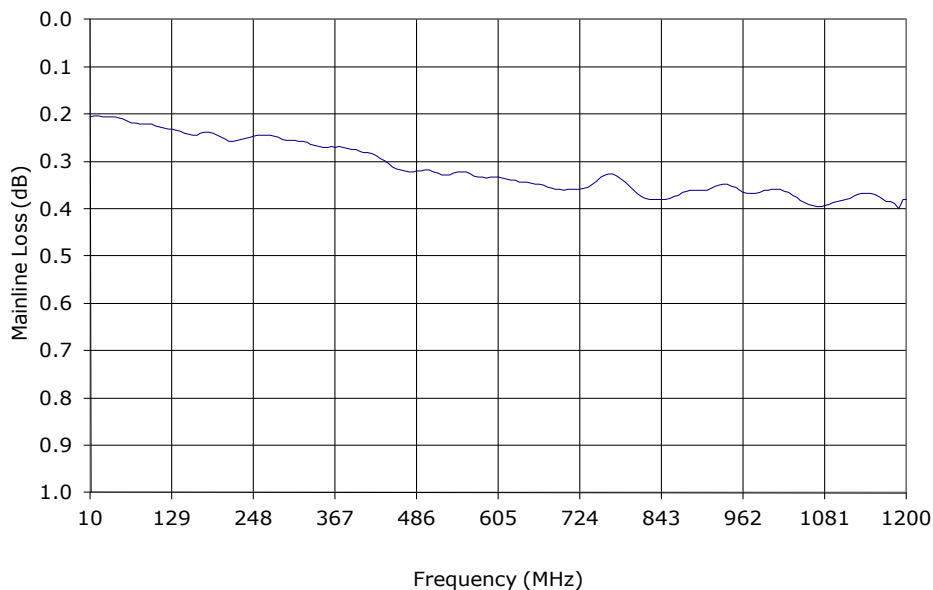
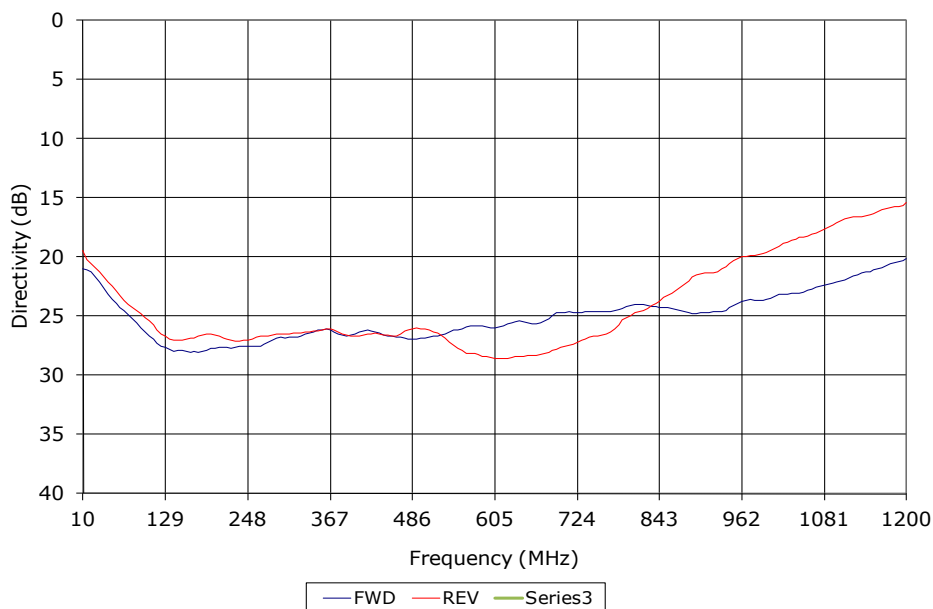
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PERFORMANCE PLOTS

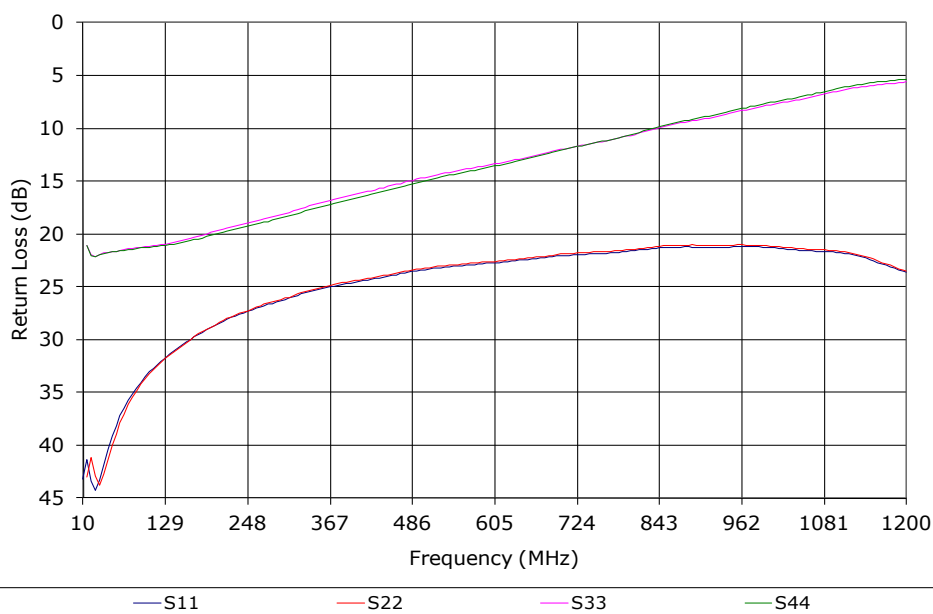


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