

BI-DIRECTIONAL COUPLER

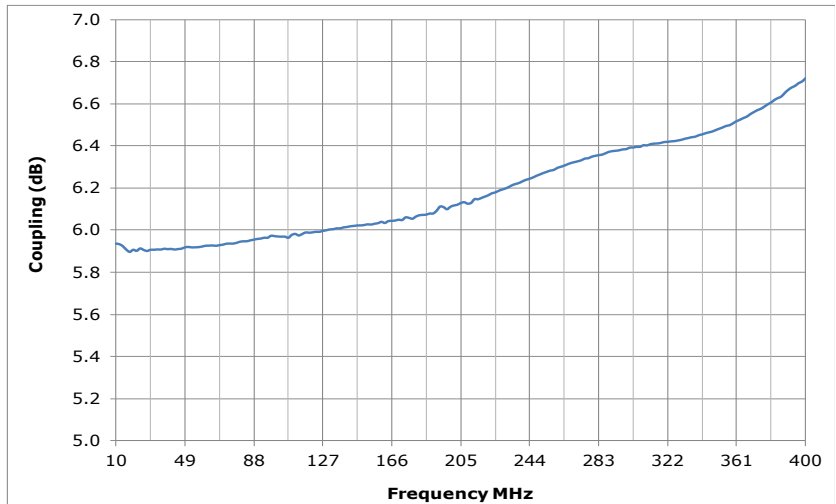
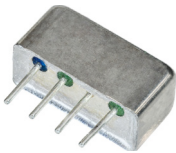
PLUG-IN MODEL: KAP-302

OPTIMIZED BANDWIDTH

10 - 400 MHz

FEATURES:

- ▶ Wide Bandwidth
- ▶ Small Size
- ▶ Applications:
 - Antenna Signal Monitoring
 - Signal Splitting

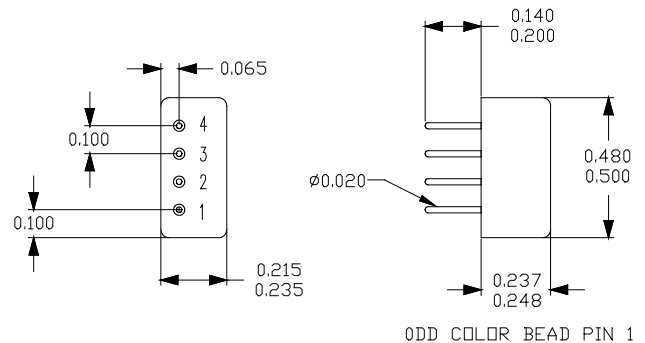


SPECIFICATIONS

Frequency	10 - 400 MHz		
Coupling (dB)	6.3 (±0.4)		
Coupling Flatness (dB)	±0.5		
Mainline Loss (dB)*	Freq. (MHz)	Typ.	Max.
	10 - 100	1.9	2.4
	100 - 200	2.1	2.5
	200 - 400	2.9	3.2
Directivity (dB)	Freq. (MHz)	Typ.	Max.
	10 - 100	32	25
	100 - 200	26	22
	200 - 400	18	15
Input Power Rating	1 Watt (Max.)		
Impedance	50 Ohms (Nom.)		
VSWR	Freq. (MHz)	Typ.	
	10 - 100	1.30:1	
	100 - 200	1.50:1	
	200 - 400	2.50:1	
Operating Temperature Range	-55 to +85 °C		

* Includes 1.25 dB theoretical split loss.

Package # 106



Pin/Port Configuration

Input	Output	Coupled	Case Gnd.
1	2	4	3

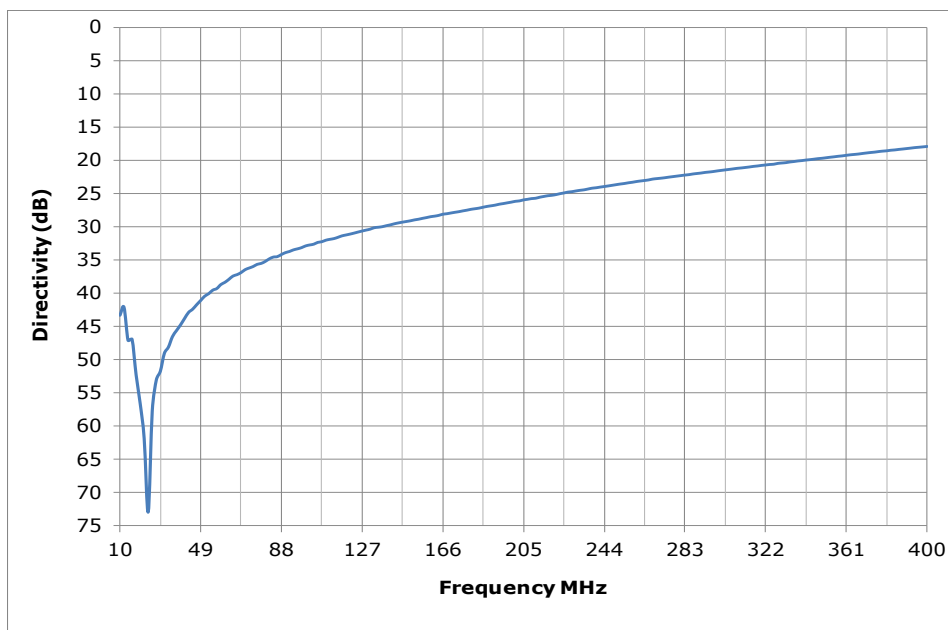
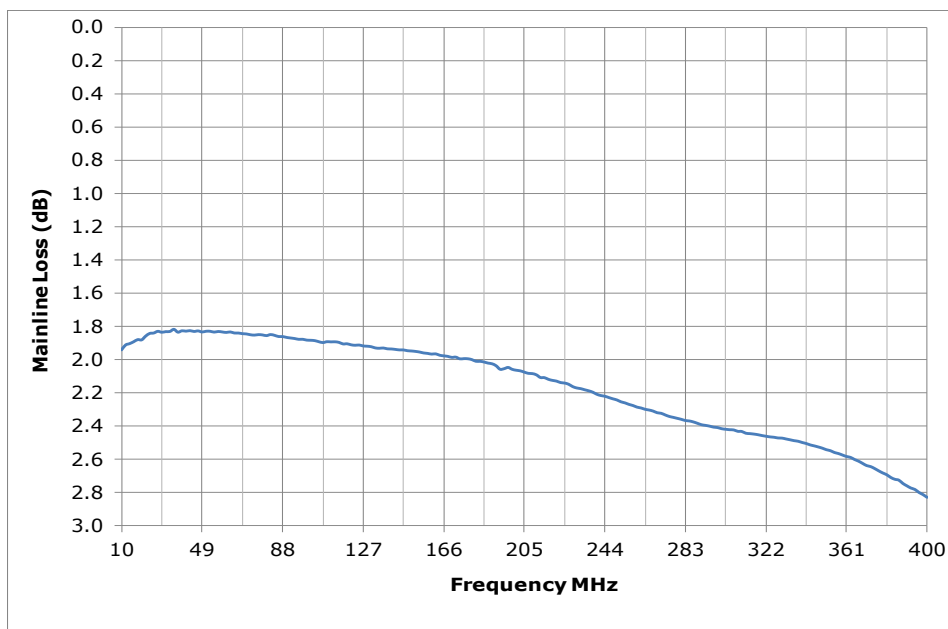
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PERFORMANCE PLOTS

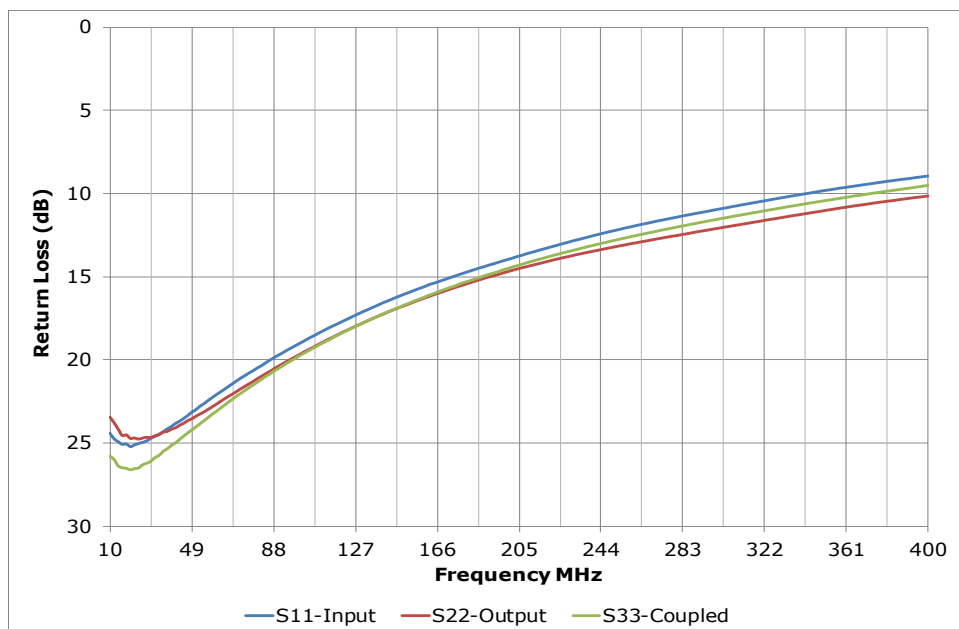


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