

BI-DIRECTIONAL COUPLER

FLAT PACK MODEL: KBF-143

WIDE BANDWIDTH

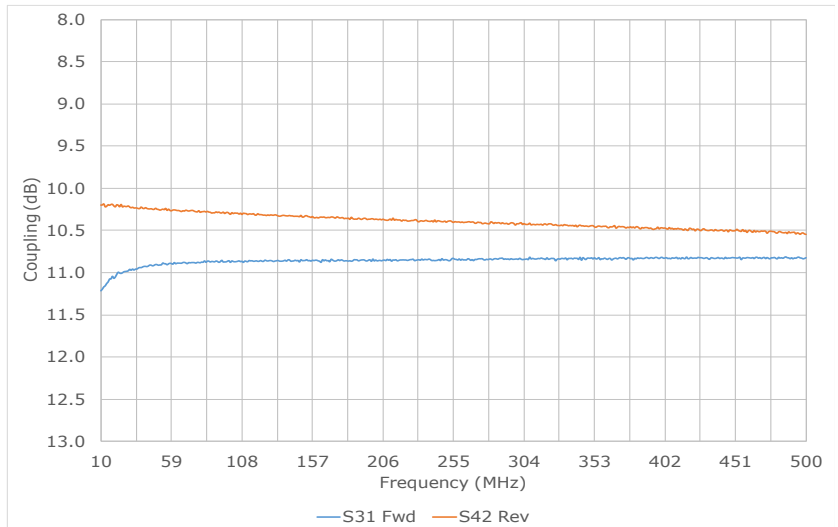
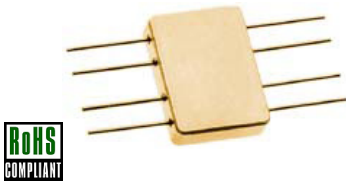
10 - 500 MHz

FEATURES:

- ▶ Wide Bandwidth
- ▶ Good Coupling Flatness

APPLICATION:

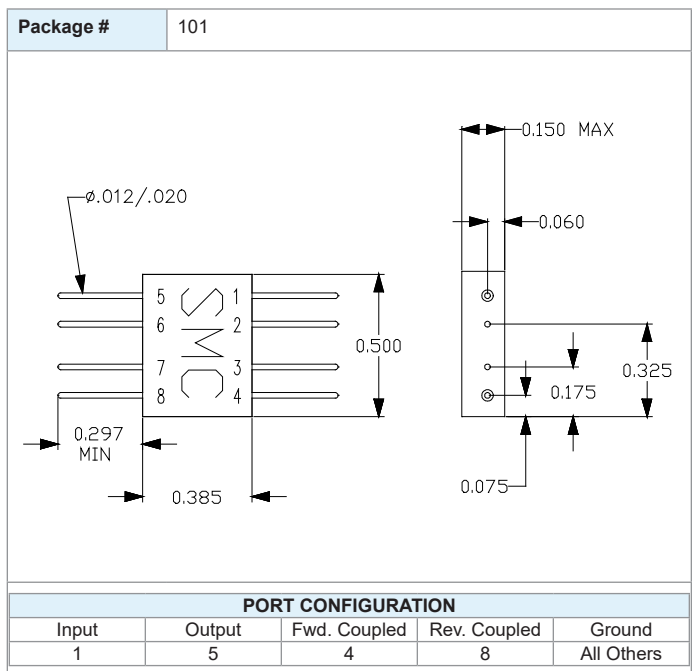
- ▶ Signal Monitoring
- ▶ Signal Splitting
- ▶ Signal Detection



SPECIFICATIONS

Frequency	10 - 500 MHz		
Coupling	10.8 dB (±0.7 dB)		
Coupling Flatness	±0.5 dB		
Mainline Loss *	Freq. (MHz)	Typ.	Max.
	10 - 100	1.0	1.3
	100 - 250	1.0	1.4
Directivity (dB)	Freq. (MHz)	Typ.	Min.
	10 - 100	23	20
	100 - 250	28	24
Return Loss (dB)	Freq. (MHz)	Typ.	
	10 - 100	18	
	100 - 250	23	
Input Power	0.5 Watt (Max.)		
	Impedance		
	50 Ohms (Nom.)		
Operating Temperature Range			
-50 to +85 °C			

* Includes 0.36 dB theoretical split loss.



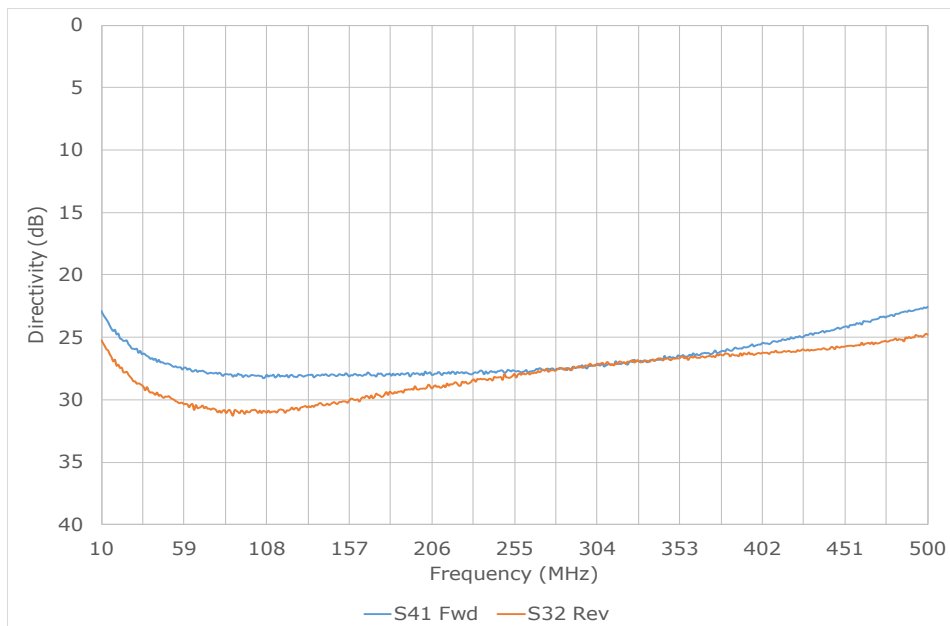
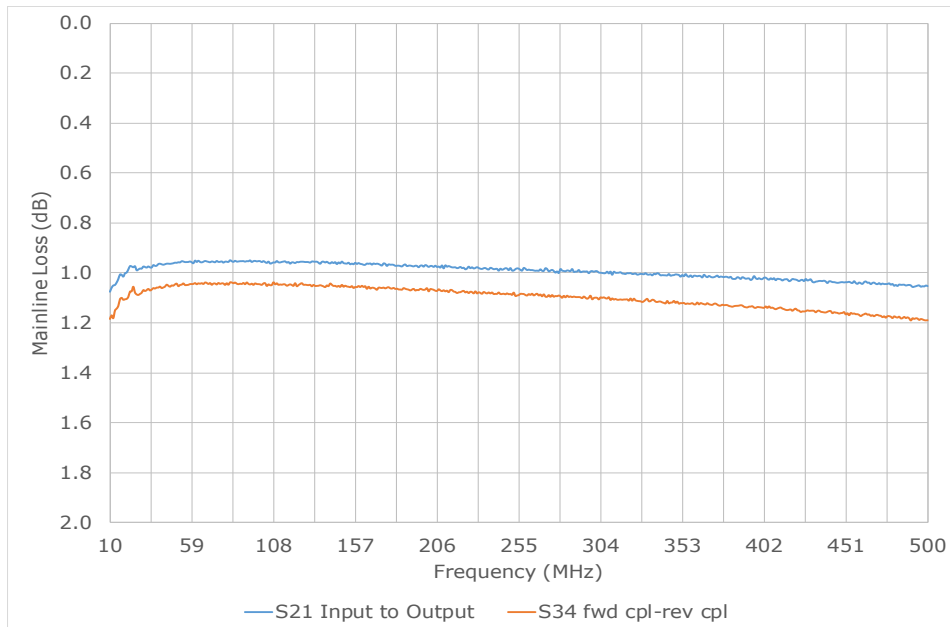
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PERFORMANCE PLOTS

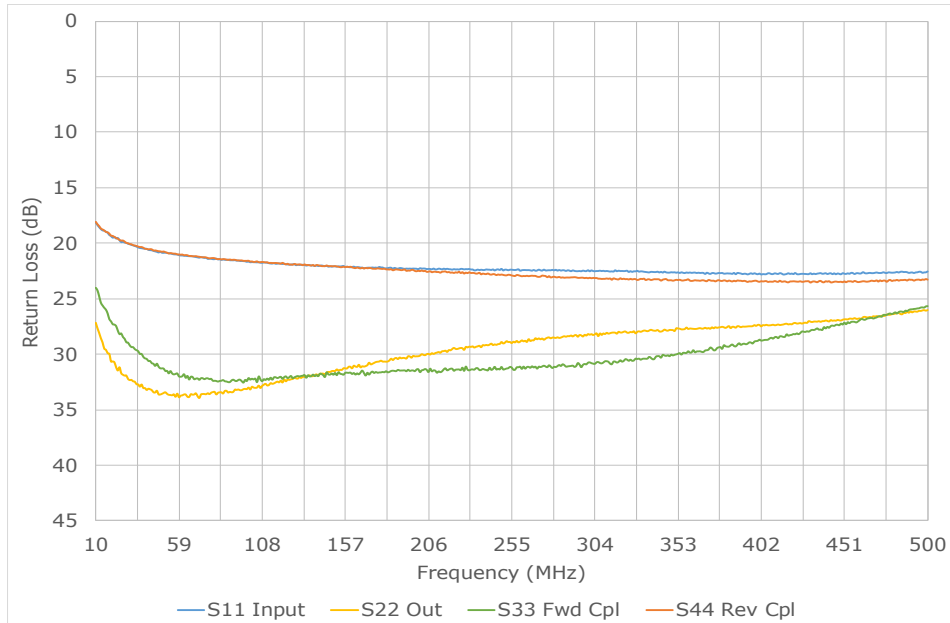


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