

BI-DIRECTIONAL COUPLER

FLAT PACK MODEL: KBF-144

WIDE BANDWIDTH

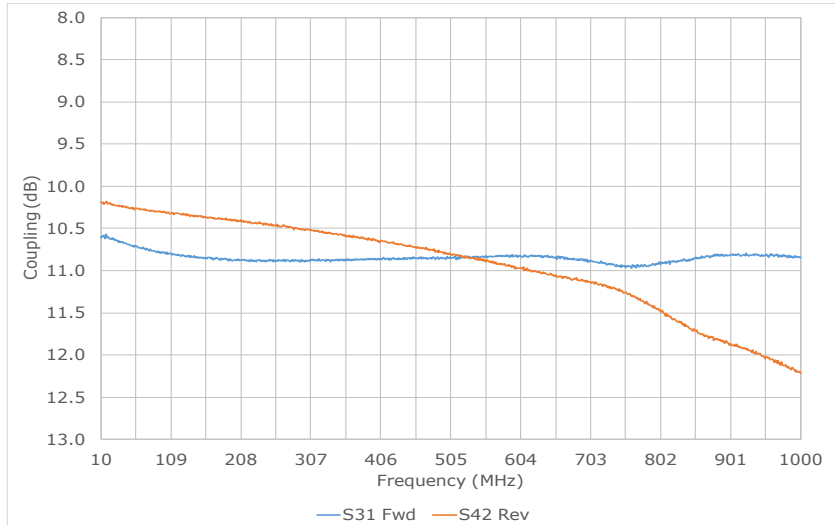
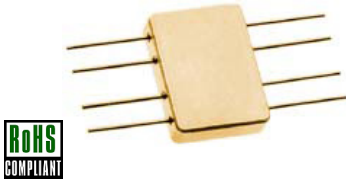
10 - 1000 MHz

FEATURES:

- ▶ Wide Bandwidth
- ▶ Good Coupling Flatness

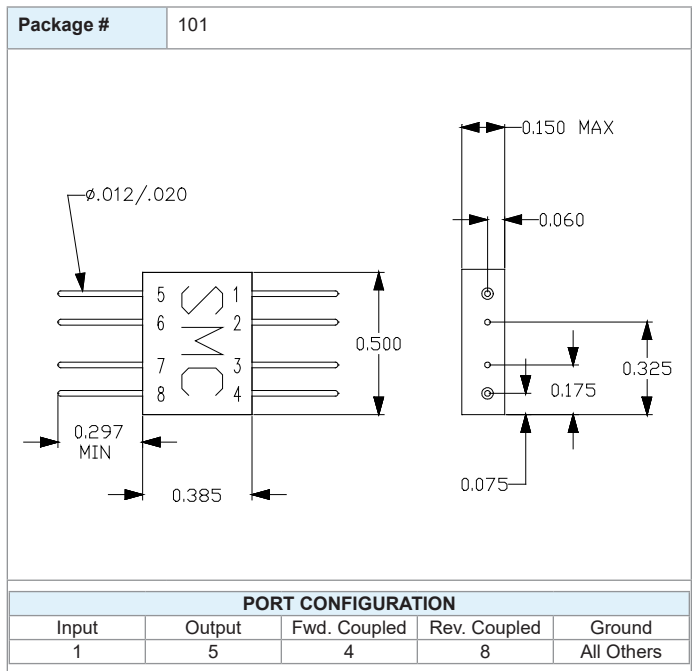
APPLICATION:

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



SPECIFICATIONS

Frequency	10 - 1000 MHz		
Coupling	11 dB (±1.5 dB)		
Coupling Flatness	±1.2 dB		
Mainline Loss *	Freq. (MHz)	Typ.	Max.
	10 - 100	1.1	1.4
	100 - 500	1.3	1.6
	500 - 1000	2.0	2.4
Directivity (dB)	Freq. (MHz)	Typ.	Min.
	10 - 100	27	23
	100 - 500	22	18
	500 - 1000	17	13
Return Loss (dB)	Freq. (MHz)	Typ.	
	10 - 100	18	
	100 - 500	18	
	500 - 1000	13	
Input Power	0.5 Watt (Max.)		
Impedance	50 Ohms (Nom.)		
Operating Temperature Range	-50 to +85 °C		
* Includes 0.36 dB theoretical split loss.			



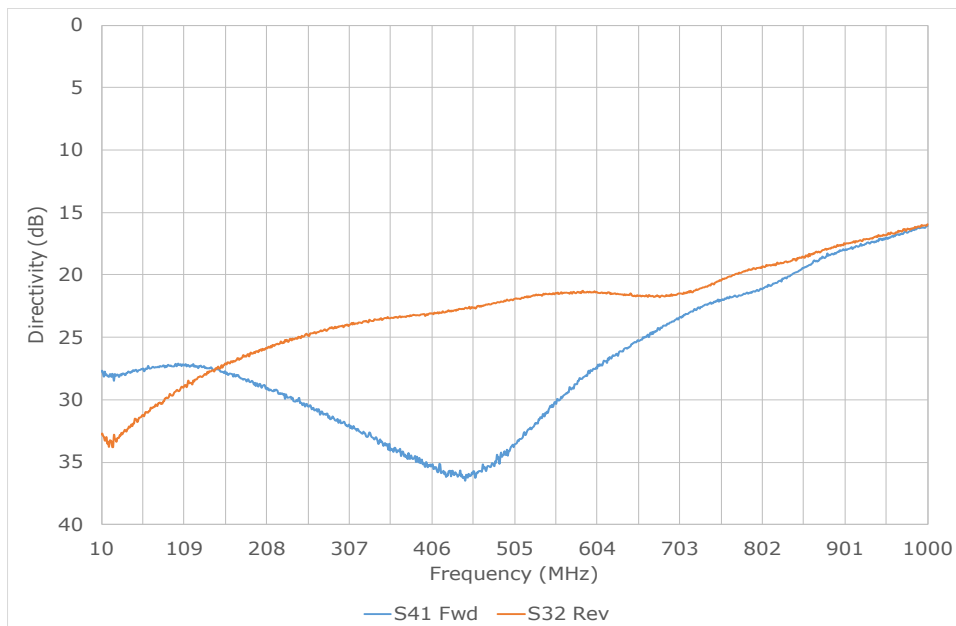
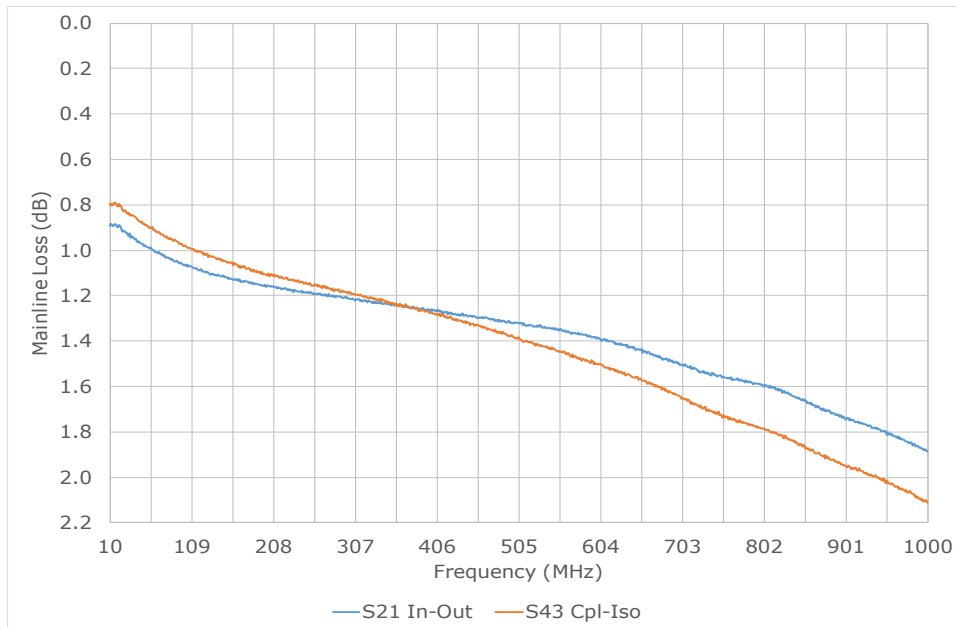
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PERFORMANCE PLOTS

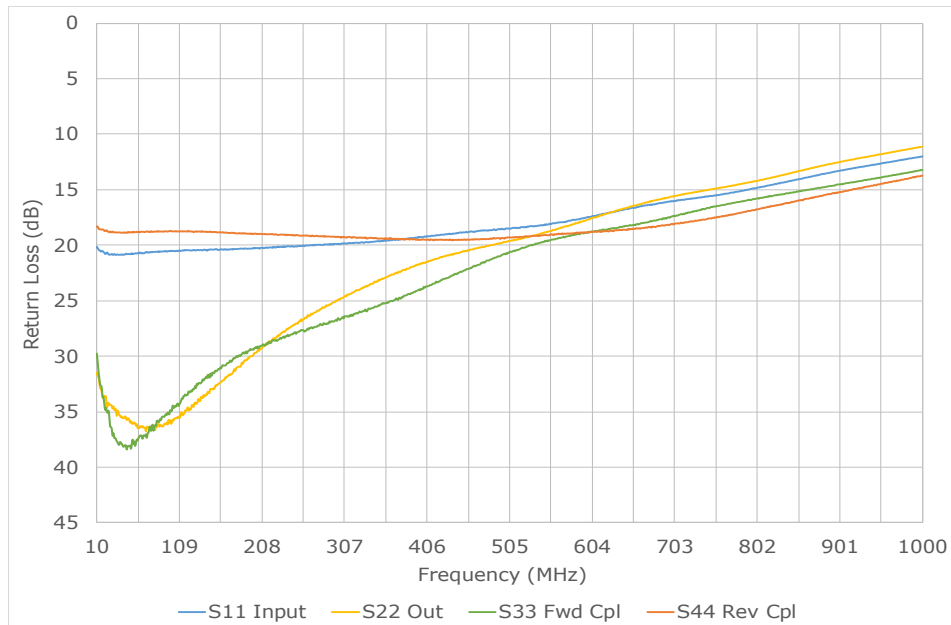


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