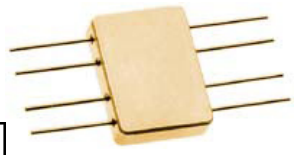
DIRECTIONAL COUPLER
FLAT PACK MODEL: KBF-144

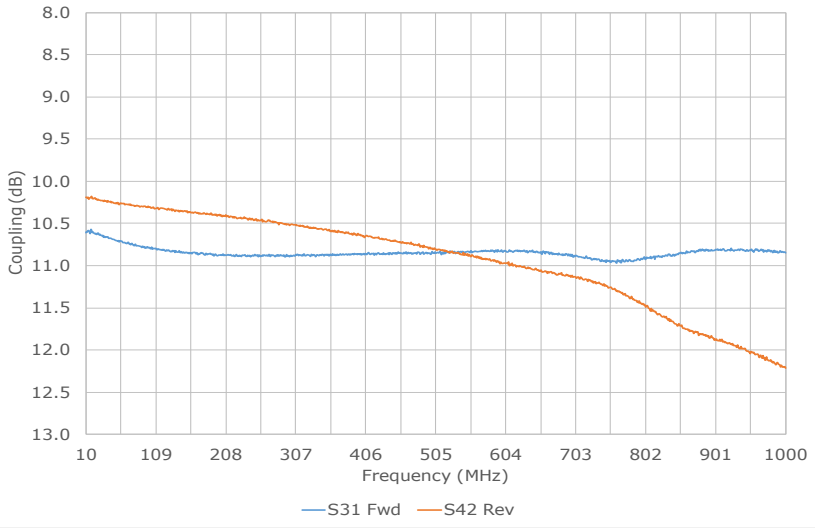
WIDE BANDWIDTH — 10 - 1000 MHz

FEATURES:
- Wide Bandwidth
- Good Coupling Flatness

APPLICATION:
- Signal Monitoring
- Signal Splitting
- Signal Detection



RoHS COMPLIANT

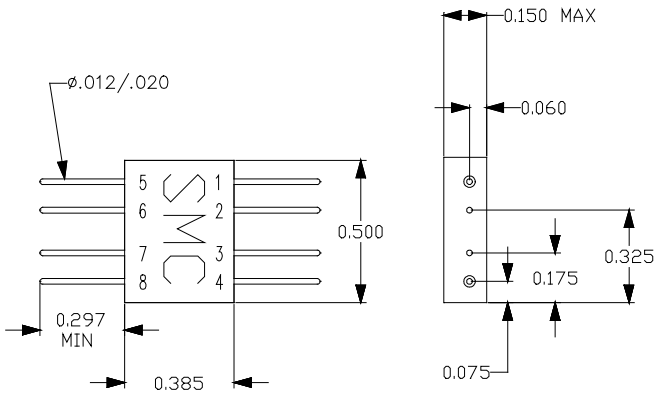


SPECIFICATIONS

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.*

Package #	101



PORT CONFIGURATION				
Input	Output	Fwd. Coupled	Rev. Coupled	Ground
1	5	4	8	All Others

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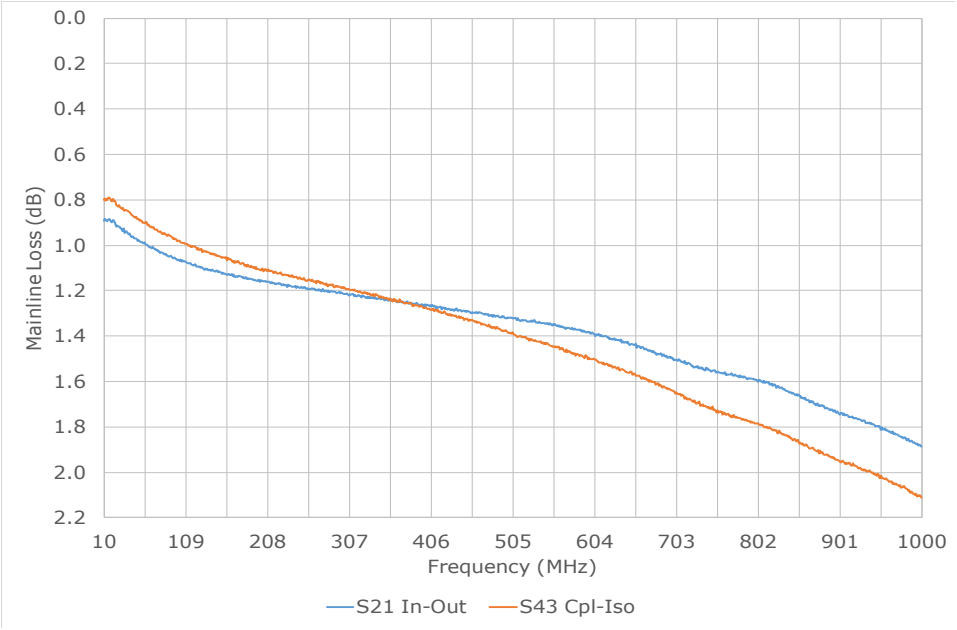
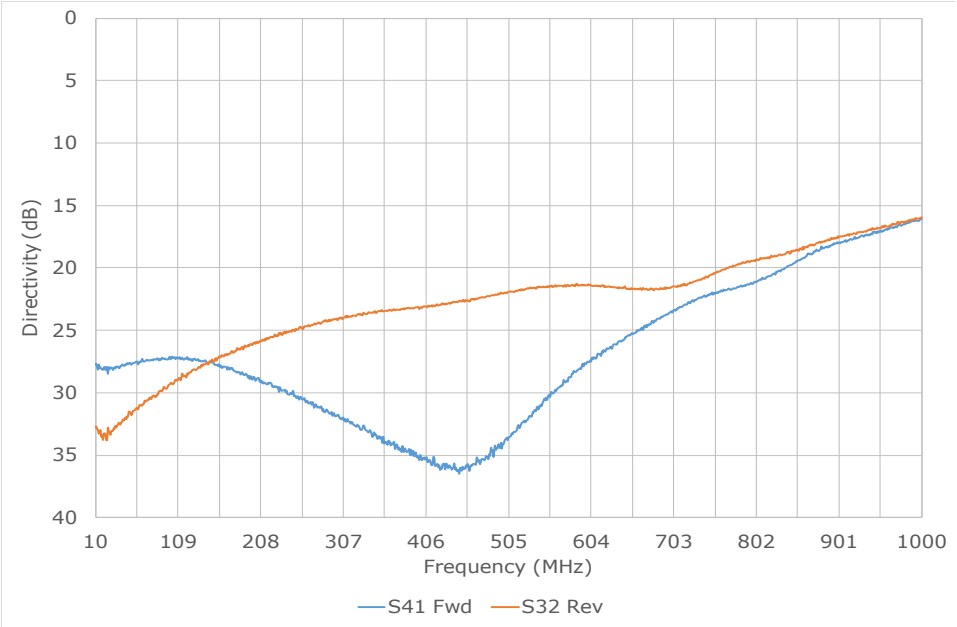
FLAT PACK MODEL: KBF-144

WIDE BANDWIDTH **10 - 1000 MHz**

PERFORMANCE PLOTS





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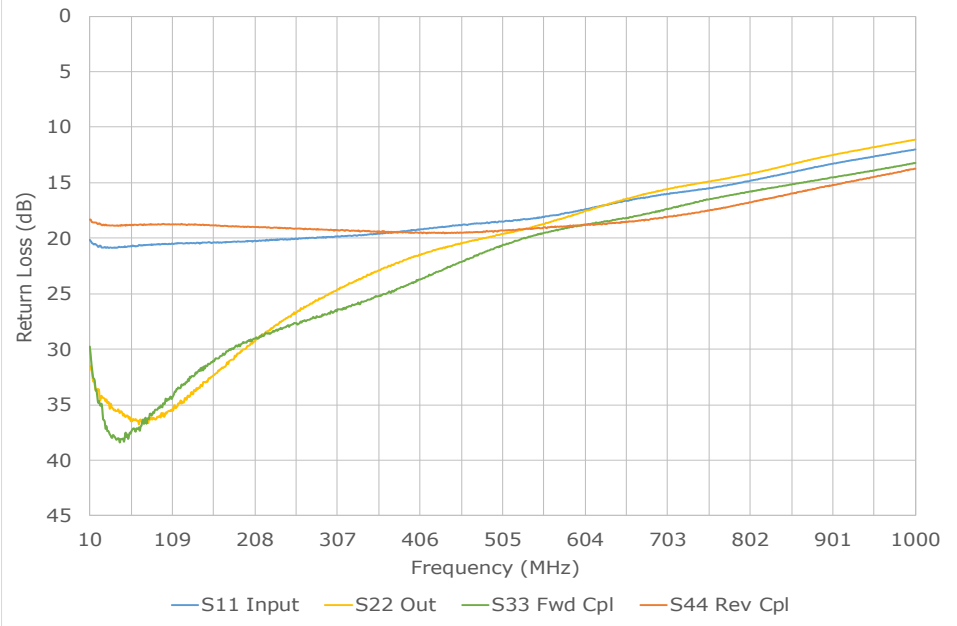

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