

QUADRATURE HYBRID

PLUG-IN MODEL: DQP-50-500

10:1 BANDWIDTH

50 - 500 MHz

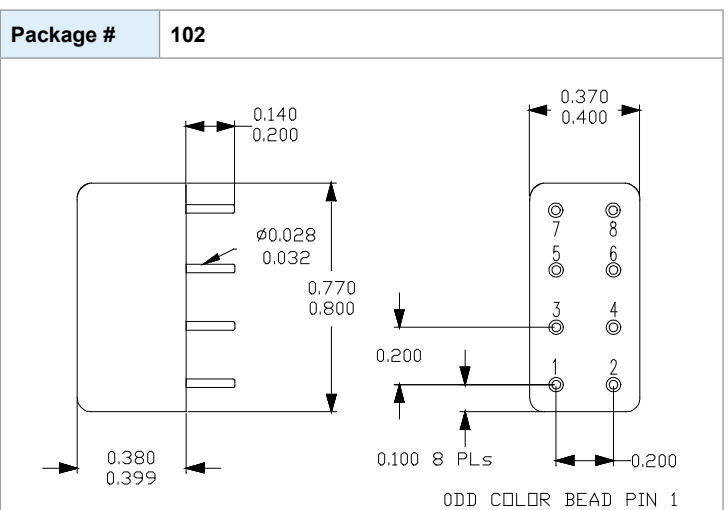
FEATURES:

- ▶ Building Block For:
 - Power Amplifiers
 - Image Rejection Mixers
 - I & Q / SSB Modulators
 - Phase Shifters & More...



SPECIFICATIONS

Frequency	50 - 500 MHz	
Insertion Loss (dB)	Typ.	Max.
	1.7	2.2
Amplitude Unbalance (dB)	Typ.	Max.
	1.0	1.5
Phase Unbalance (Deg.)	Typ.	Max.
	3.0	5.0
Isolation (dB)	Typ.	Min.
	25	13
VSWR	1.3:1 (Typ.)	
Impedance	50 Ohms (Nom.)	
Operating Temperature Range	-40 to +85°C	



PORT CONFIGURATION

Input	Isolated	+90° Output	0° Output	GND
1	2	8	7	All Others

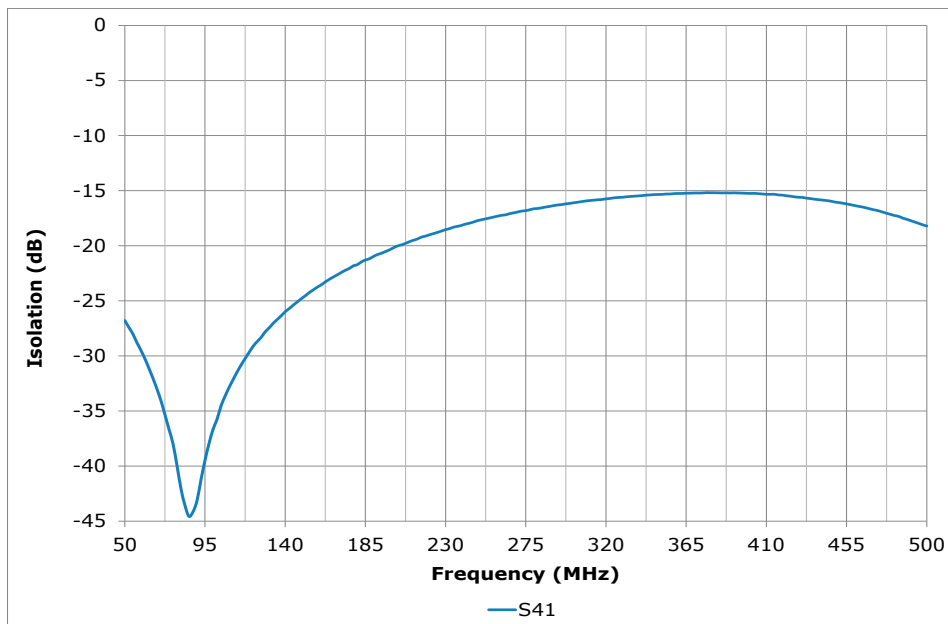
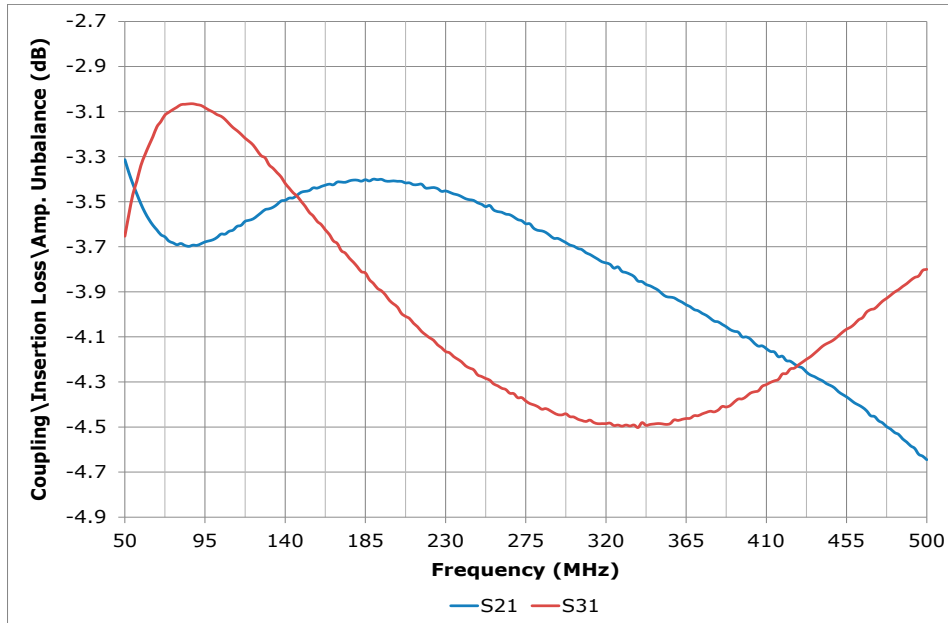
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PERFORMANCE PLOTS

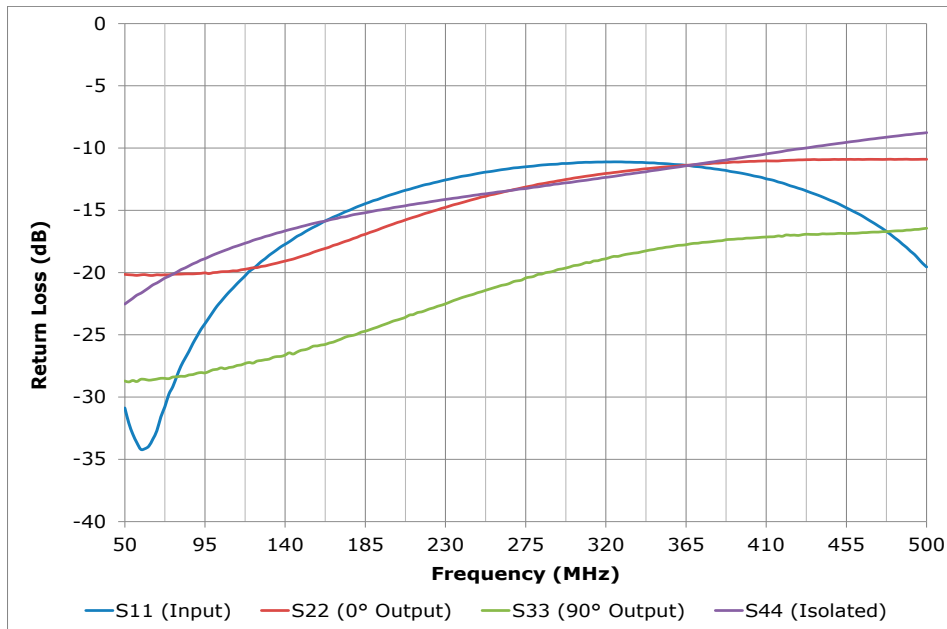
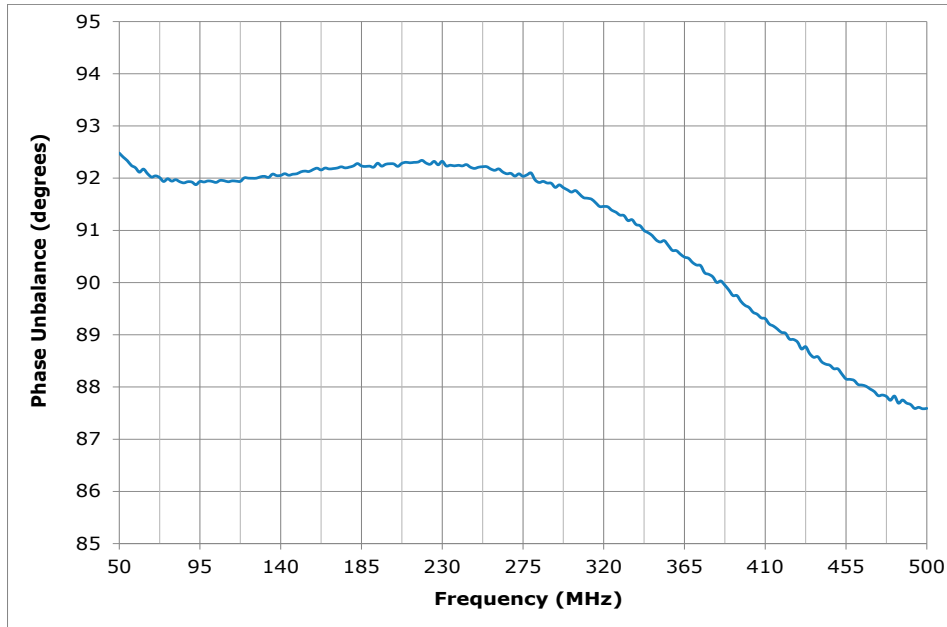
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