

# 90° HYBRID

## PLUG-IN MODEL: DQP-2-125

125:1 BANDWIDTH

2 - 250 MHz

### FEATURES:

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



### SPECIFICATIONS

Frequency	2 - 250 MHz	
Insertion Loss (dB) *	Typ.	Max.
	1.8	2.0
Amplitude Unbalance (dB)	Typ.	Max.
	1.0	1.3
Phase Unbalance (Deg.)	Typ.	Max.
	4.0	6.0
Isolation (dB)	Typ.	Min.
	20	15
Input Power	1 Watt (Max.)	
Impedance	50 Ohms (Nom.)	
VSWR	1.4:1 (Typ.)	
Operating Temperature Range	-55 to +85 °C	

\* Insertion loss in excess of the theoretical 3 dB coupling.

Package # 151

PORT CONFIGURATION				
Input	Isolated*	+90° Output	0° Output	GND
1	2	4	3	5,6

\* Terminate ISOLATED port with 50 Ohms.

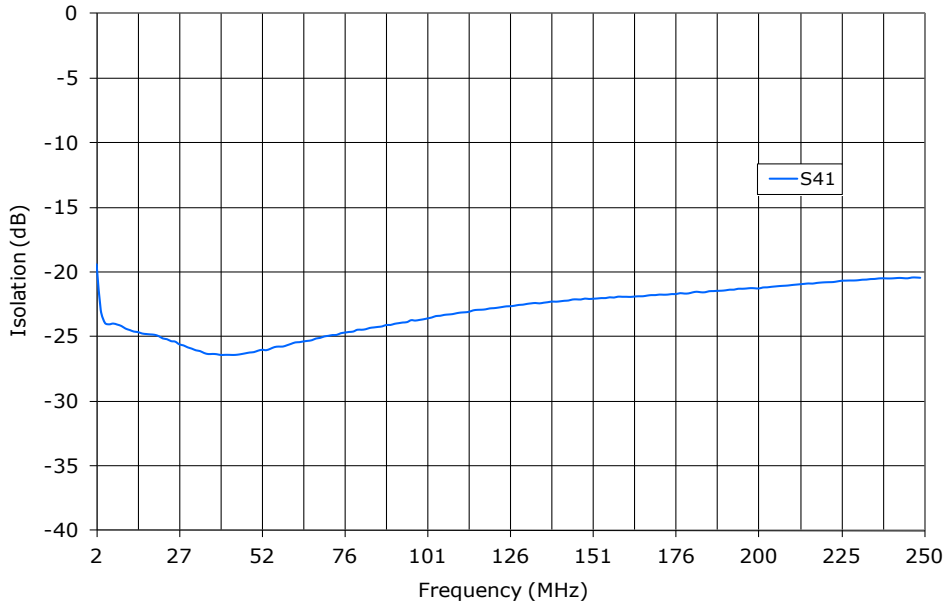
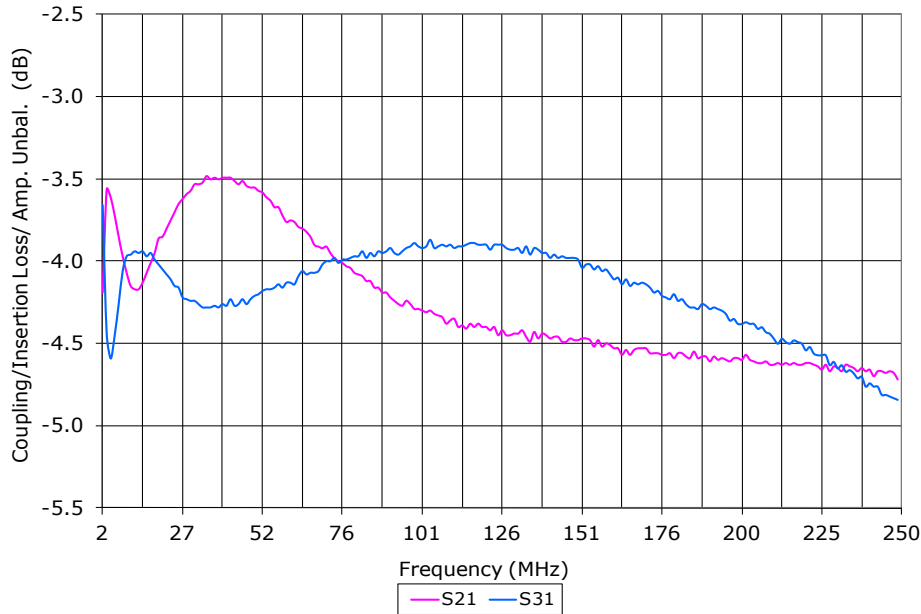
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PERFORMANCE PLOTS

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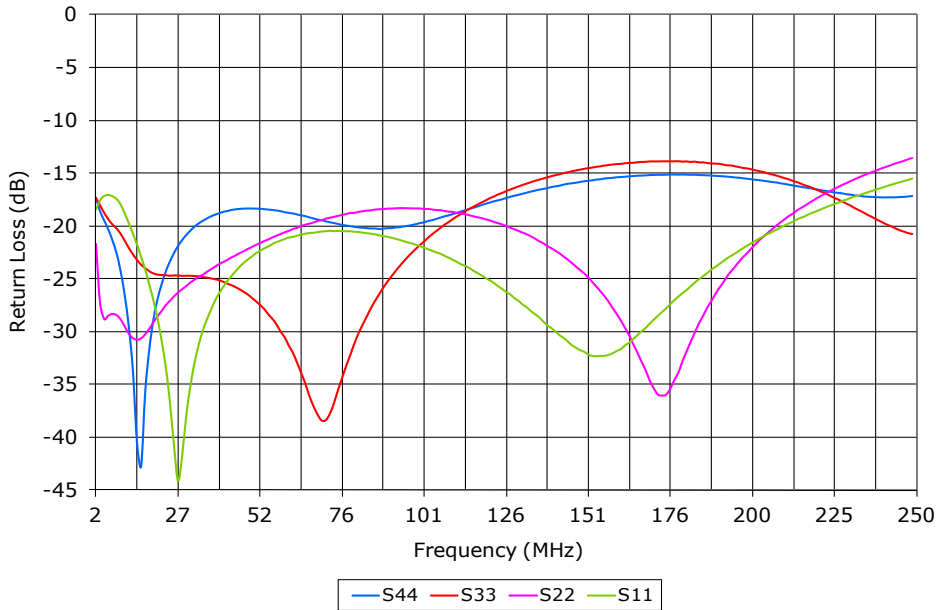
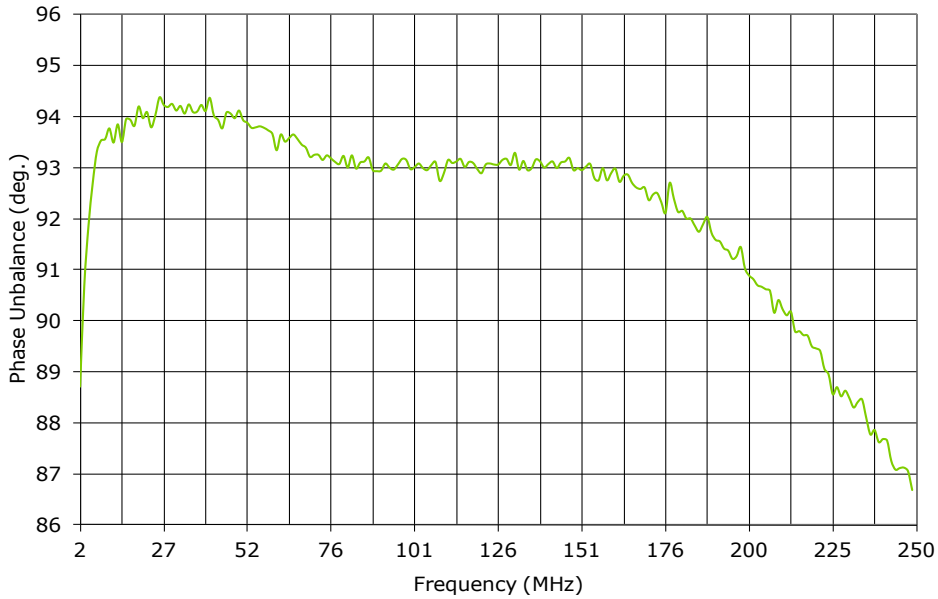
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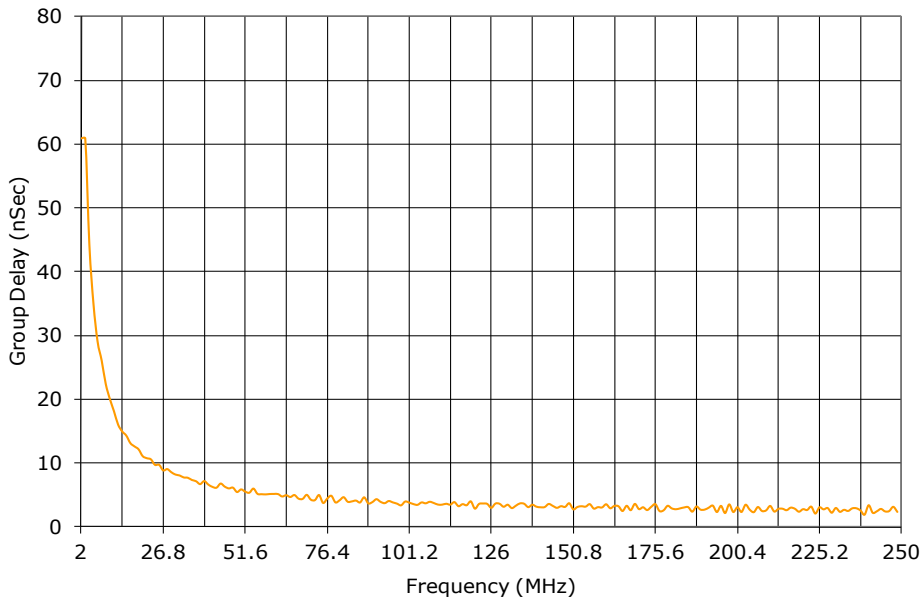
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