

90° HYBRID

SURFACE MOUNT MODEL: DQS-30-450LF

FREQUENCY BANDWIDTH

30 - 450 MHz

FEATURES:

- ▶ Ultra-Wide Bandwidth (15:1)
- ▶ Small Package Size, Surface Mount
- ▶ RoHS Compliant



SPECIFICATIONS

Frequency	30 - 450 MHz	
Insertion Loss (dB)	Typ.	Max.
	1.2	1.7
Amplitude Unbalance (dB)	Typ.	Max.
	1	1.5
Phase Unbalance (Deg.)	Typ.	Max.
	± 2°	± 3°
Isolation (dB)	Typ.	Min.
	23	18
Power Rating	5 Watt (Max.)	
Impedance	50 Ohms (Nom.)	
VSWR	1.4:1 (Typ.)	
Operating Temperature Range	-20 to +70 °C	

Package #	102SLF
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BOTTOM VIEW

LAYOUT FOR PRINTED
CIRCUIT DESIGN

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

* Terminate isolated port in 50 Ohms externally.

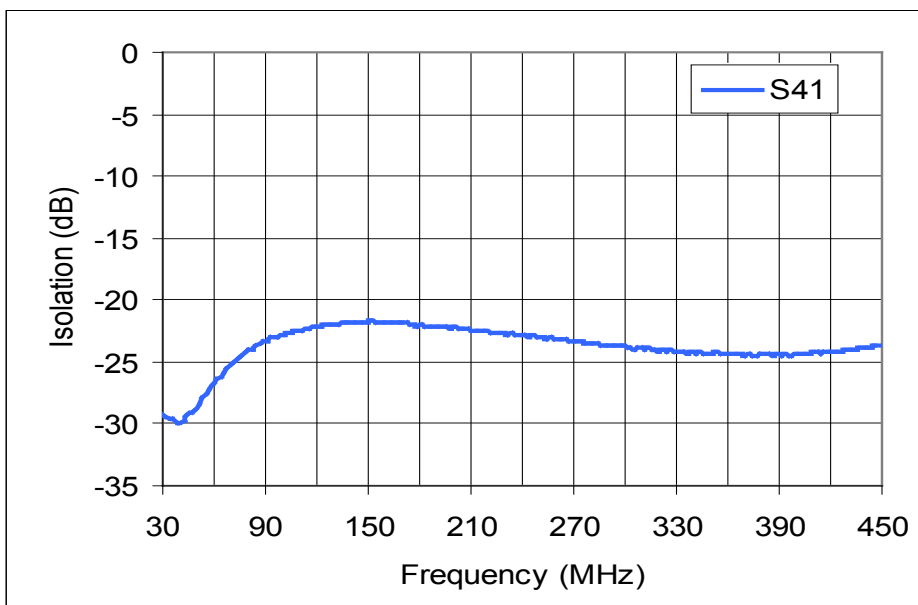
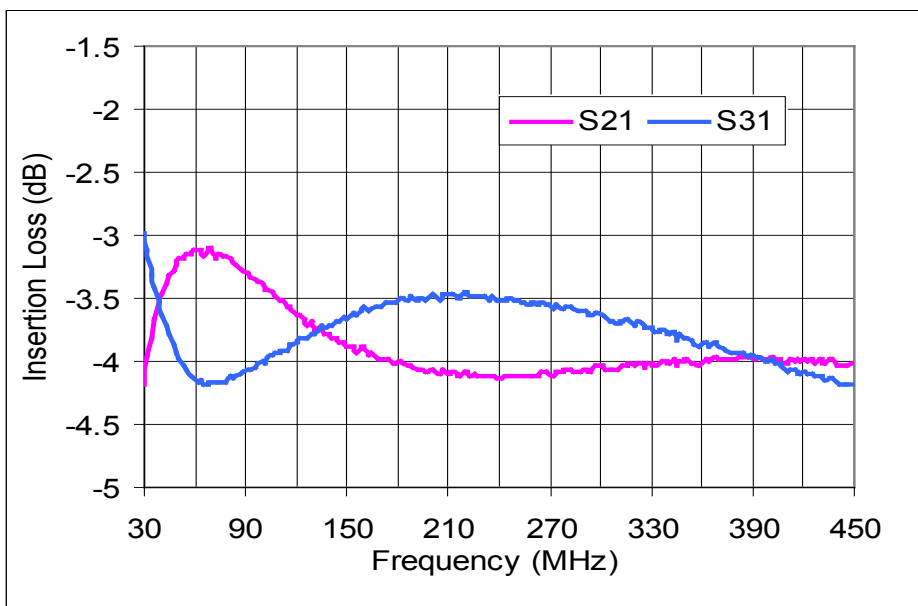
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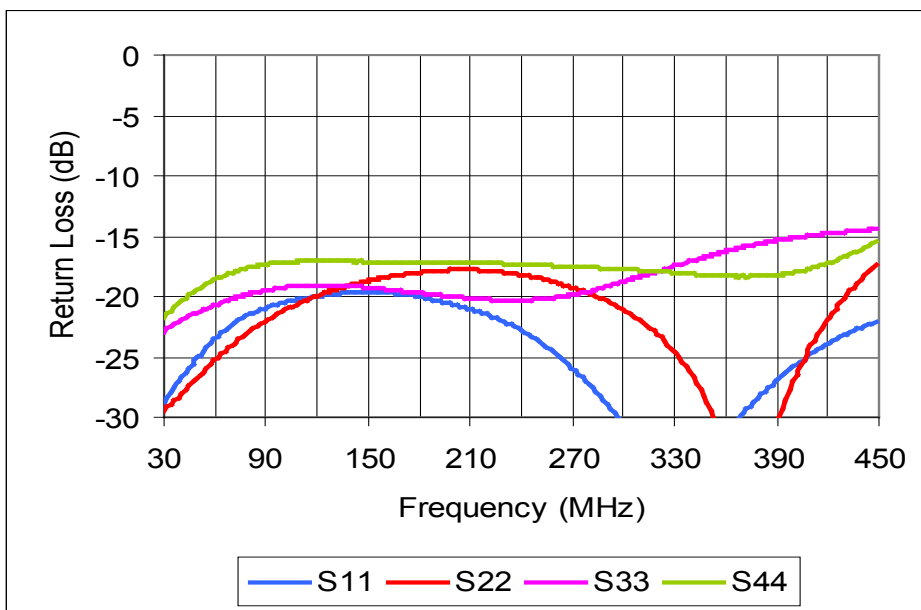
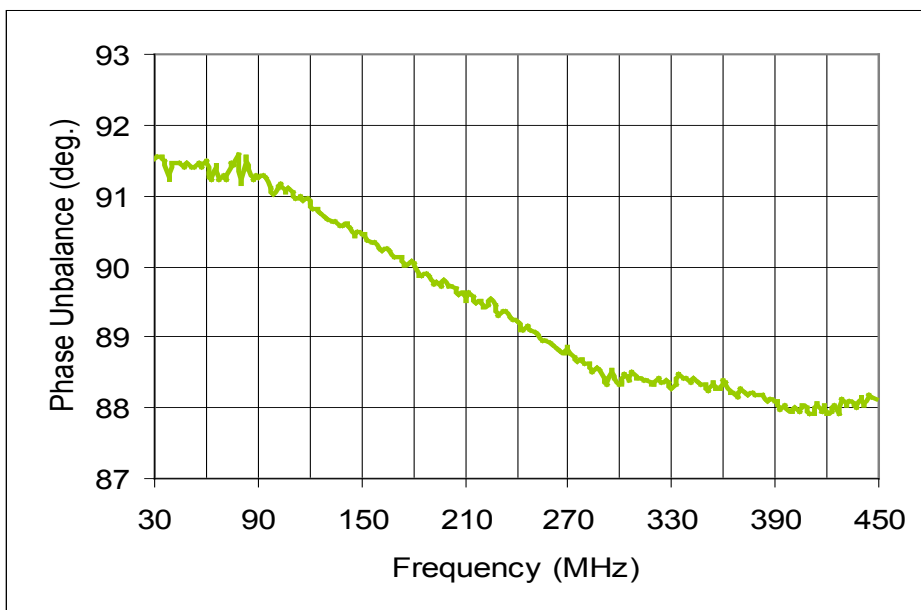
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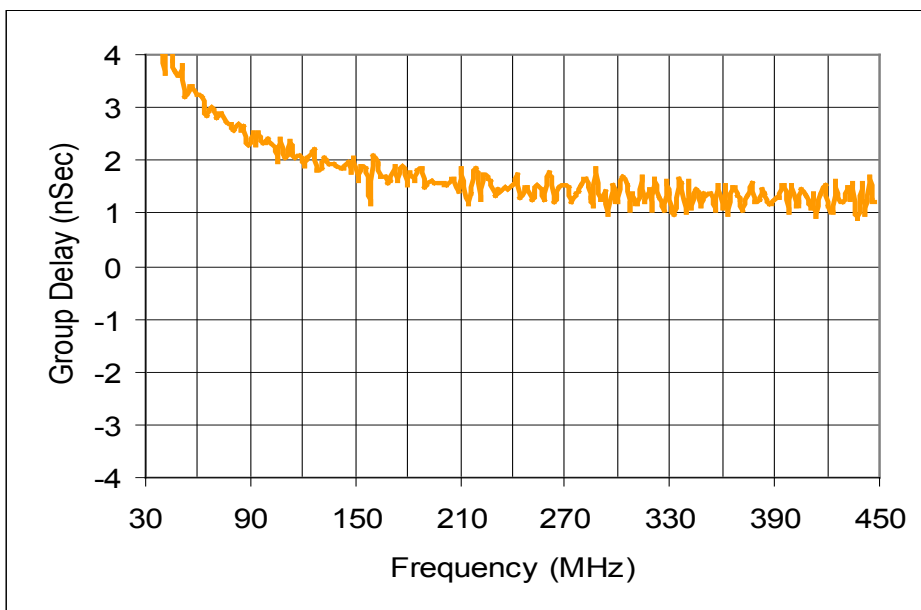


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