

4-WAY POWER DIVIDER

SYNSTRI[®] MODEL: S4D1525

OPTIMIZED BANDWIDTH

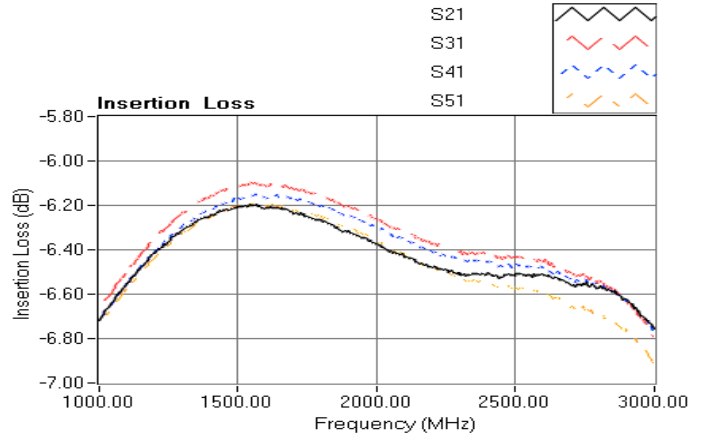
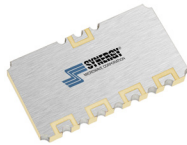
1500 - 2500 MHz

FEATURES:

- ▶ SYNSTRI[™] Technology
- ▶ Small Size, Surface Mount
- ▶ Optimum Performance

APPLICATIONS:

- ▶ Signal Splitting & Low Power Combining
- ▶ CDMA-2000, ISM Band



SPECIFICATIONS (Rev. B 01/09/17)

Frequency	1500 - 2500 MHz	
Insertion Loss (dB)	Typ.	Max.
	0.3	0.6
Isolation (dB)	Typ.	Min.
	18	13
Phase Unbalance (Deg.)	Typ.	Max.
	3.0°	4.0°
Amplitude Unbalance (dB)	Typ.	Max.
	0.2	0.4
VSWR	Typ.	Max.
	1.3:1	1.5:1
Input Power *	5 Watt (Max.)	
Impedance	50 Ohms (Nom.)	
Operating Temperature Range	-40 to +70 °C	
* With mismatch of 1.2:1 or less		

Package # 246

TOP VIEW
 Dimensions: 0.000, 0.135, 0.235, 0.335, 0.435, 0.535, 0.635, 0.735, 0.870, 0.480.

RECOMMENDED PCB LAYOUT
 Dimensions: 0.355, 0.910, 0.070 AT 14 PLCS., 0.080 AT 14 PLCS., 0.020 AT 18 PLCS., 0.155, 0.100x6=0.600, 0.155.

BOTTOM VIEW
 HATCHED AREA IS METALIZATION.

SIDE VIEW
 0.065 (TYP.)

Port Configuration		
Input	Output	Ground
1	2,3,4,5	All Other

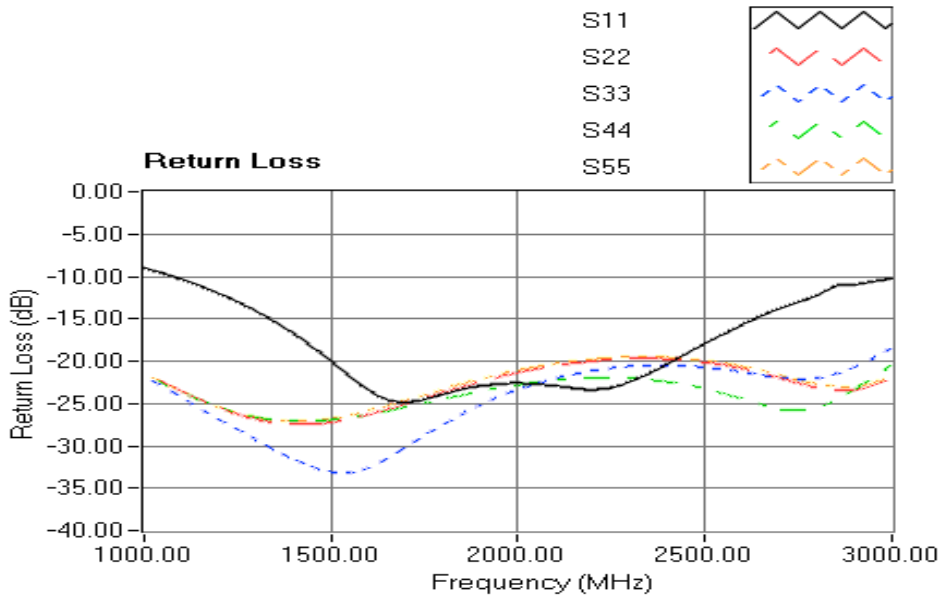
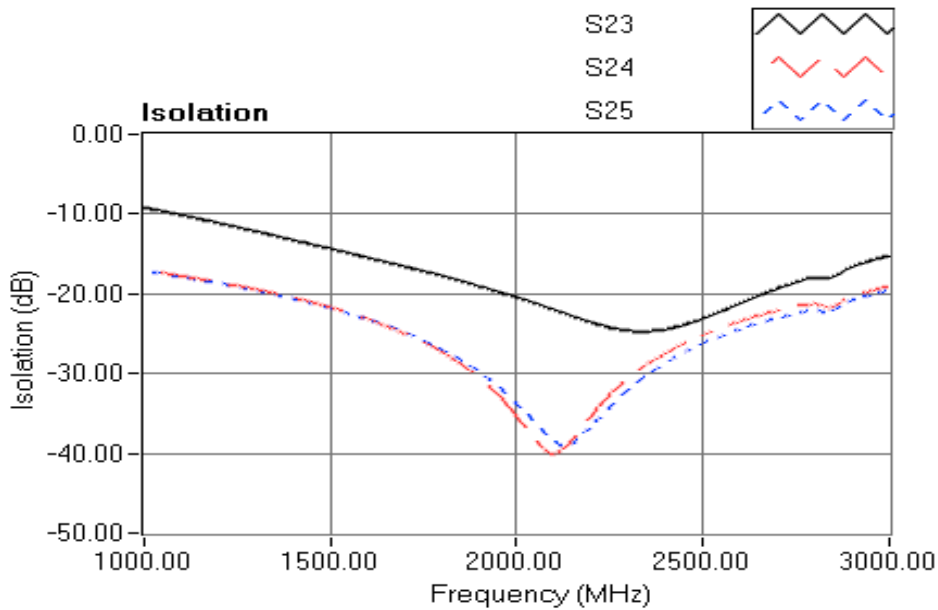
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PERFORMANCE PLOTS

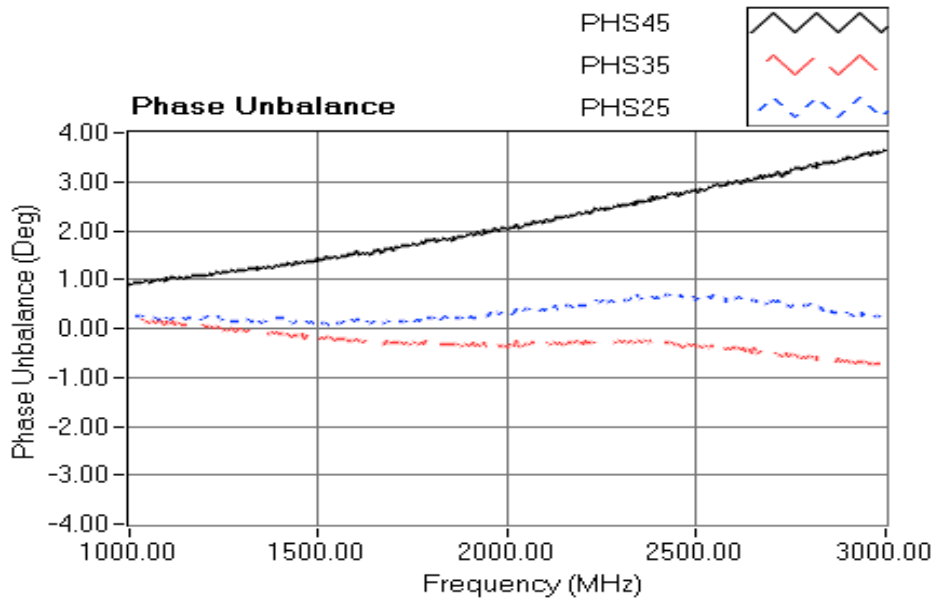


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1500 - 2500 MHz



PERFORMANCE PLOTS



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