

# 4-WAY POWER DIVIDER

## SURFACE MOUNT MODEL: SPD-5-1500

**WIDE BANDWIDTH**

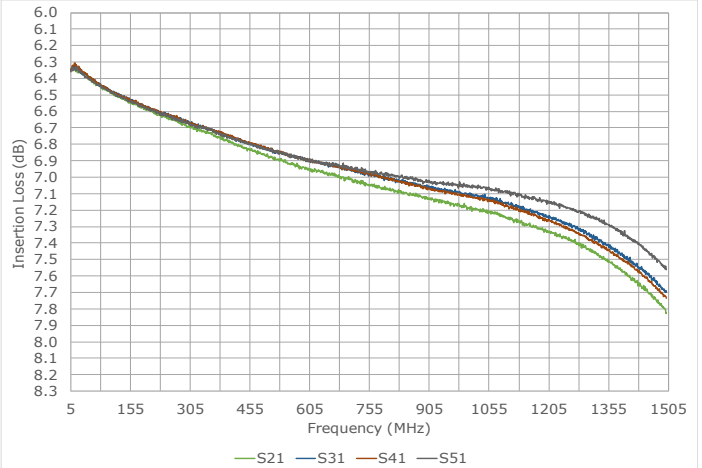
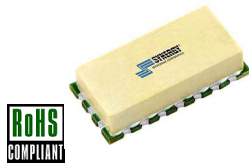
**5 - 1500 MHz**

**FEATURES:**

- ▶ Excellent Performance
- ▶ Small Size, Surface Mount
- ▶ Moderate Power
- ▶ Lead Free RoHS Compliant

**APPLICATIONS:**

- ▶ Signal Splitting & Low Power Combining



**SPECIFICATIONS (Rev. B 03/03/26)**

<b>Frequency</b>	5 - 1500 MHz		
<b>Insertion Loss (dB) <sup>1</sup></b>	Freq. (MHz)	Typ.	Max.
	5 - 50	0.4	0.7
	50 - 750	0.8	1.3
<b>Isolation (dB)</b>	Freq. (MHz)	Typ.	Min.
	5 - 50	25	22
	50 - 750	22	18
<b>Phase Unbalance (Deg.)</b>	Freq. (MHz)	Typ.	Max.
	5 - 50	0.4	2.0
	50 - 750	4.0	6.0
<b>Amplitude Unbalance (dB)</b>	Freq. (MHz)	Typ.	Max.
	5 - 50	0.03	0.1
	50 - 750	0.05	0.3
<b>VSWR</b>	1.3:1 (Typ.)		
	<b>Input Power <sup>2</sup></b>		
	1 Watt (Max.)		
<b>Impedance</b>		50 Ohms (Nom.)	
<b>Operating Temperature Range</b>		-40 to +85 °C	

<sup>1</sup> Insertion loss in plotted data includes the theoretical 6.0 dB splitting loss.  
<sup>2</sup> Handling power applies to splitter mode and assumes ideal 50 Ohms impedance matching on all ports.

**Package #** 219

**Port Configuration**

Input	Output	GND.
1	2,3,4,5	All Others



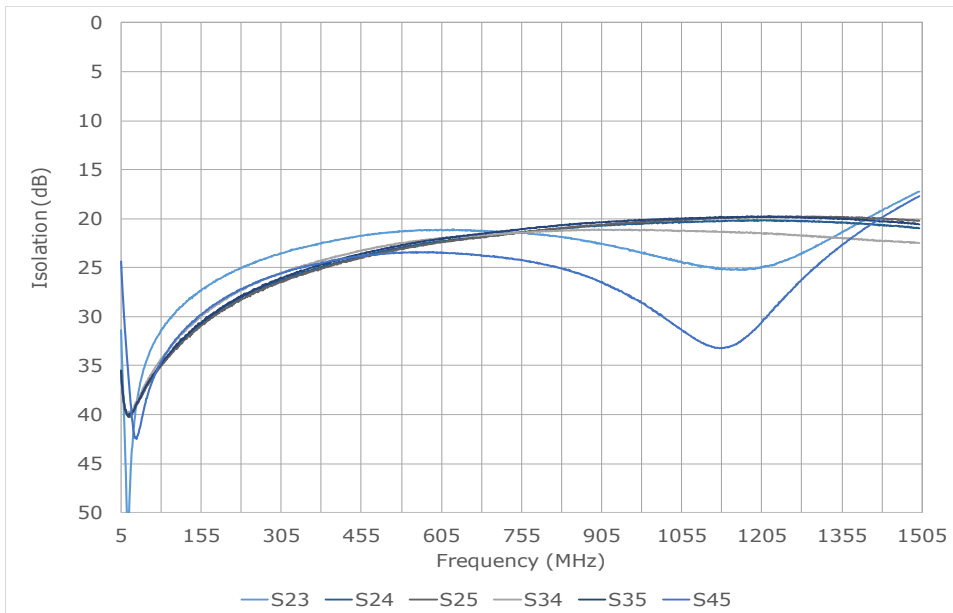
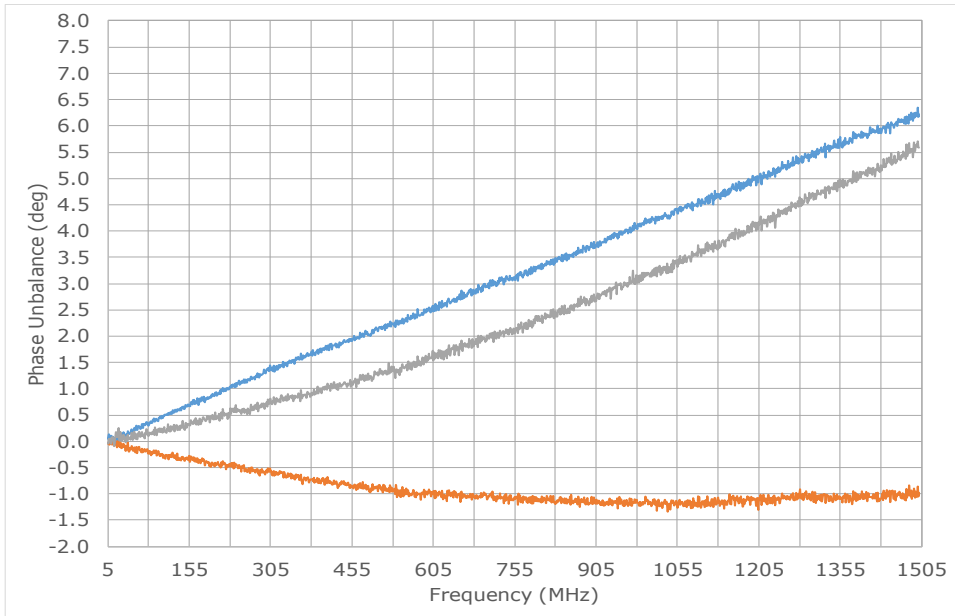
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5 - 1500 MHz

Data @ 25 °C



PERFORMANCE PLOTS

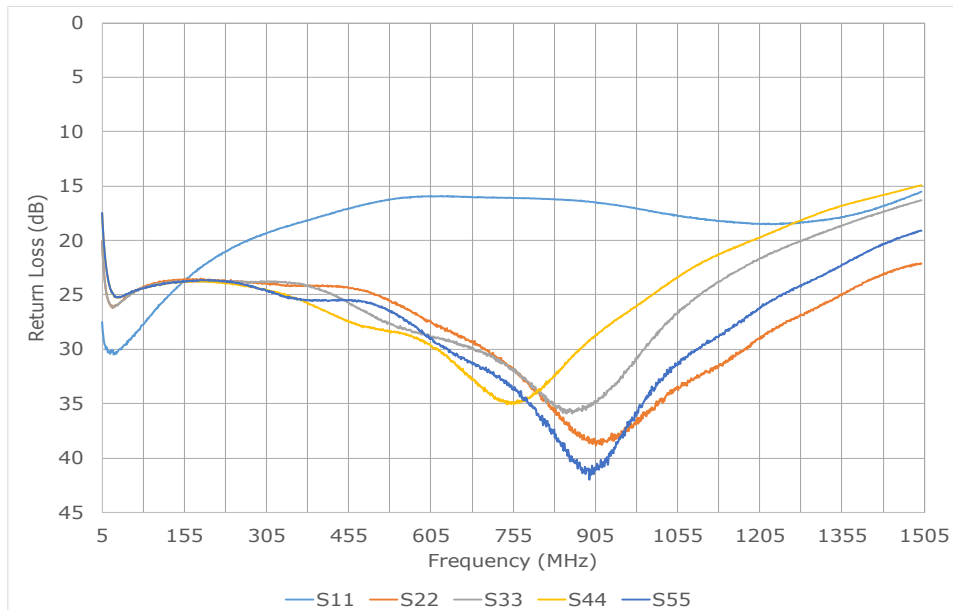
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