

# 2-WAY POWER DIVIDER

## SURFACE MOUNT MODEL: SDL-4

**WIDE BANDWIDTH**

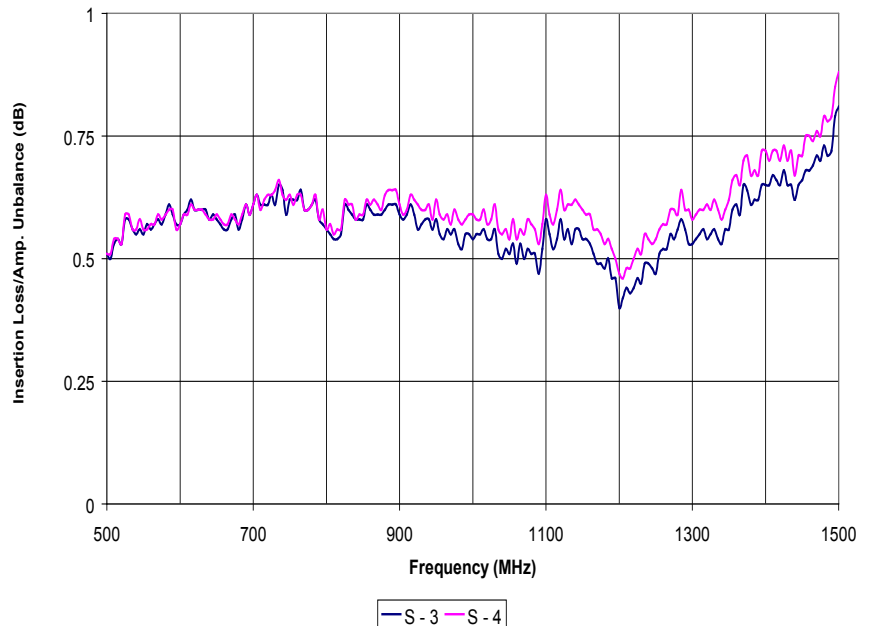
**500 - 1500 MHz**

**FEATURES:**

- ▶ Excellent Performance
- ▶ Wide Bandwidth
- ▶ Small Size, Surface Mount
- ▶ Moderate Power

**APPLICATIONS:**

- ▶ Signal Splitting & Low Power Combining



**SPECIFICATIONS (Rev. C 12/18/06)**

<b>Frequency</b>	500 - 1500 MHz		
<b>Insertion Loss*</b>	Freq. (MHz)	dB (Typ.)	dB (Max.)
	500-1000	0.6	0.8
	1000-1500	0.7	1.2
<b>Isolation</b>	Freq. (MHz)	dB (Typ.)	dB (Min.)
	500-1000	22	15
	1000-1500	18	13
<b>Phase Unbalance</b>	Freq. (MHz)	Degrees (Max.)	
	500-1000	3°	
	1000-1500	5°	
<b>Amplitude Unbalance</b>	Freq. (MHz)	dB (Max.)	
	500-1000	0.3	
	1000-1500	0.5	
<b>Input Power Rating</b>	1 Watt (Max.)		
<b>Output Impedance</b>	50 Ohms (Nom.)		
<b>Operating Temperature Range</b>	-40 to +85 °C		

\* Above the 3dB theoretical split loss.

**Package #** 159

PIN CONFIGURATION		
Input	Output	Ext. Gnd.
6	3,4	1,2,5

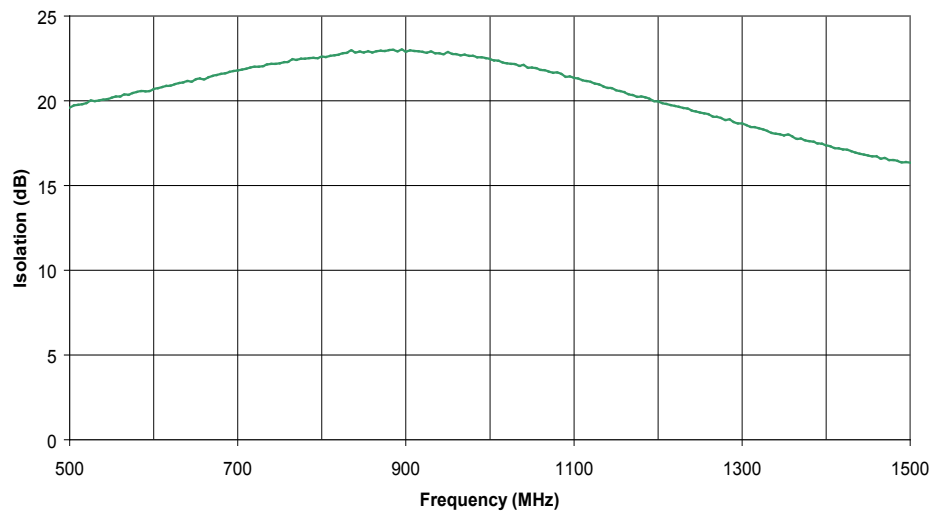
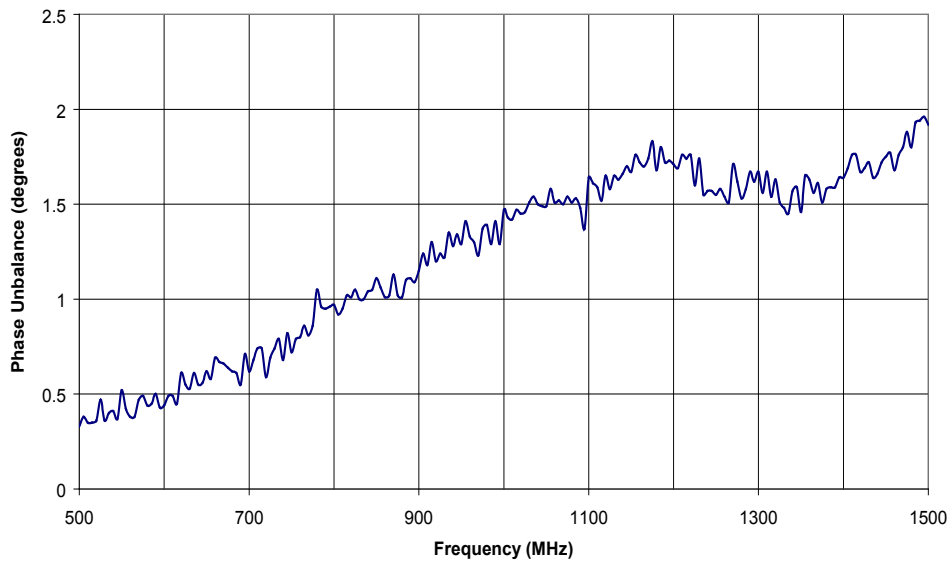
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