

# 8-WAY POWER DIVIDER

## SURFACE MOUNT MODEL: DHS-902

**WIDE BANDWIDTH**

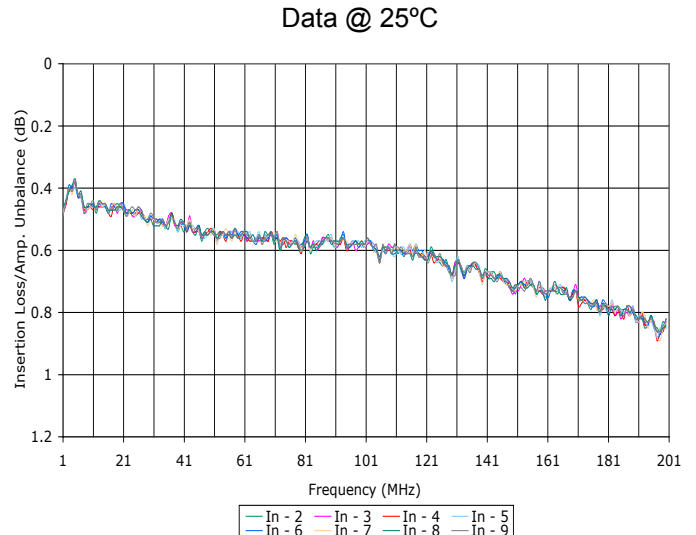
**1 - 200 MHz**

**FEATURES:**

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

**APPLICATIONS:**

- ▶ Signal Splitting & Low Power Combining



**SPECIFICATIONS (Rev. B 10/07/08)**

<b>Frequency</b>	1 - 200 MHz		
<b>Insertion Loss (dB) *</b>	Freq. (MHz)	Typ.	Max.
	1-10	0.4	0.7
	10-100	0.6	0.9
	100-200	0.8	1.2
<b>Isolation (dB)</b>	Freq. (MHz)	Typ.	Min.
	1-10	30	25
	10-100	25	20
	100-200	25	20
<b>Phase Unbalance (Deg.)</b>	Freq. (MHz)	Max.	
	1-10	1.0°	
	10-100	3.0°	
	100-200	4.0°	
<b>Amplitude Unbalance (dB)</b>	Freq. (MHz)	Max.	
	1-10	0.1	
	10-100	0.2	
	100-200	0.3	
<b>Input Power</b>	1 Watt (Max.)		
<b>Impedance</b>	50 Ohms (Nom.)		
<b>Operating Temperature Range</b>	-40 to +85 °C		

\* Above the 9 dB theoretical split loss.

**Package #** 124LF

**PORT CONFIGURATION**

Input	Output	Ground
6	1,2,3,4,9,10,11,12	7,14,15



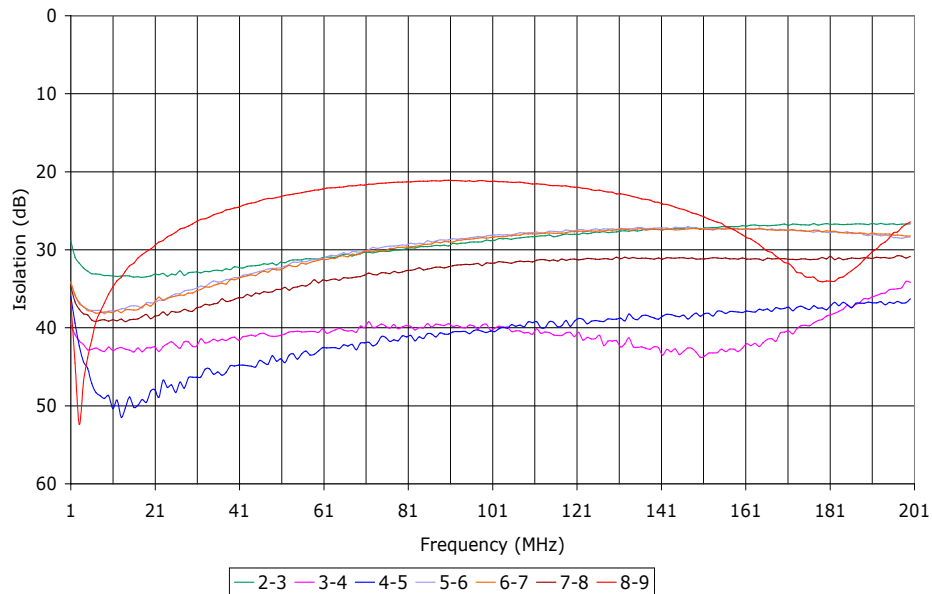
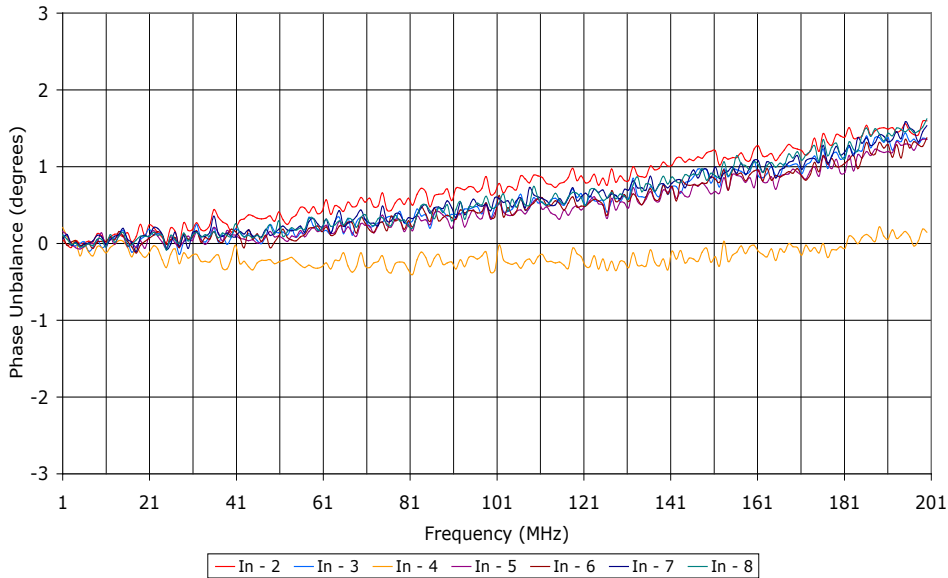
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Data @ 25°C



PERFORMANCE PLOTS

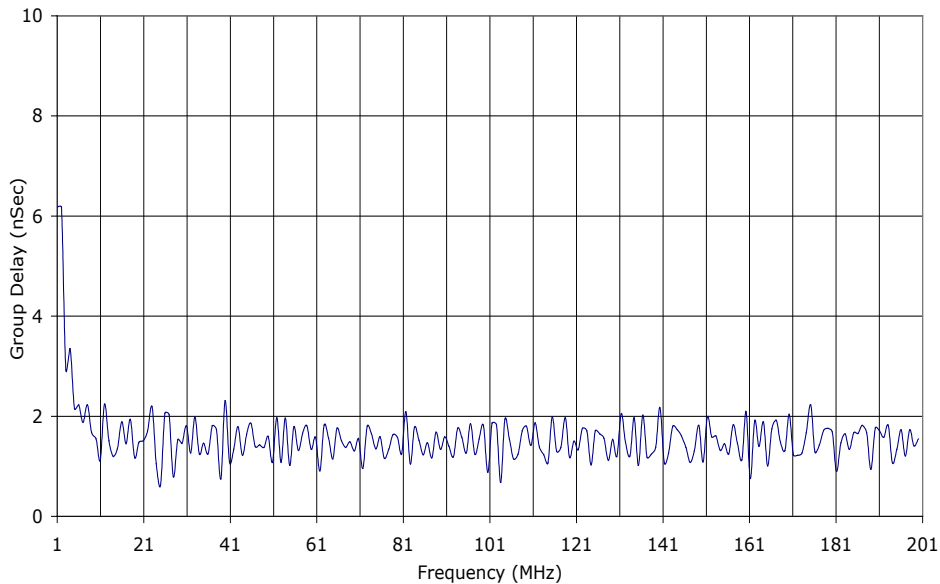
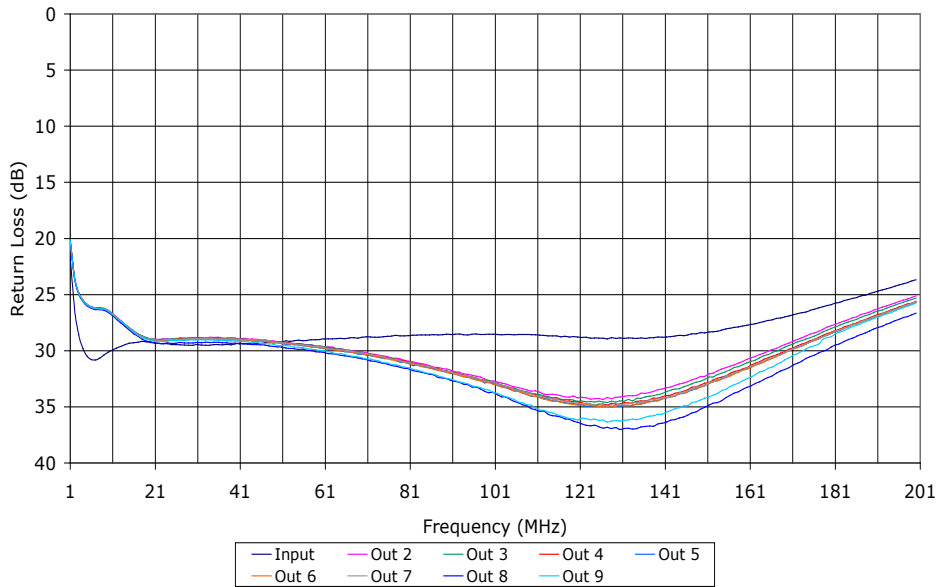
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