

8-WAY POWER DIVIDER

SURFACE MOUNT MODEL: DHS-902

WIDE BANDWIDTH

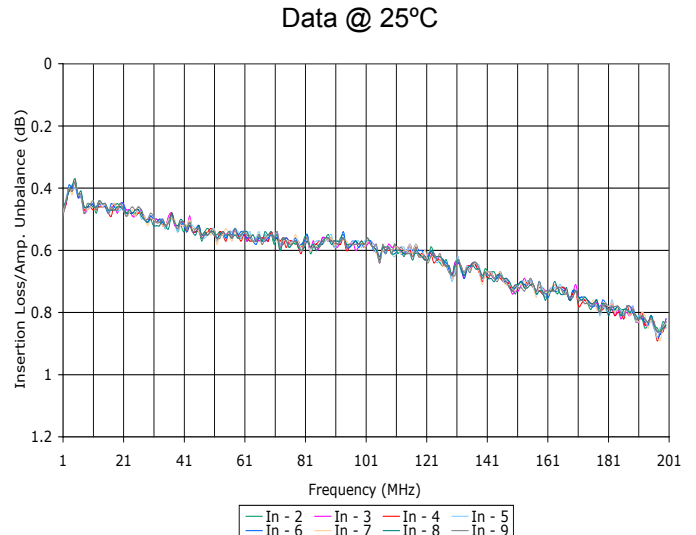
1 - 200 MHz

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)

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



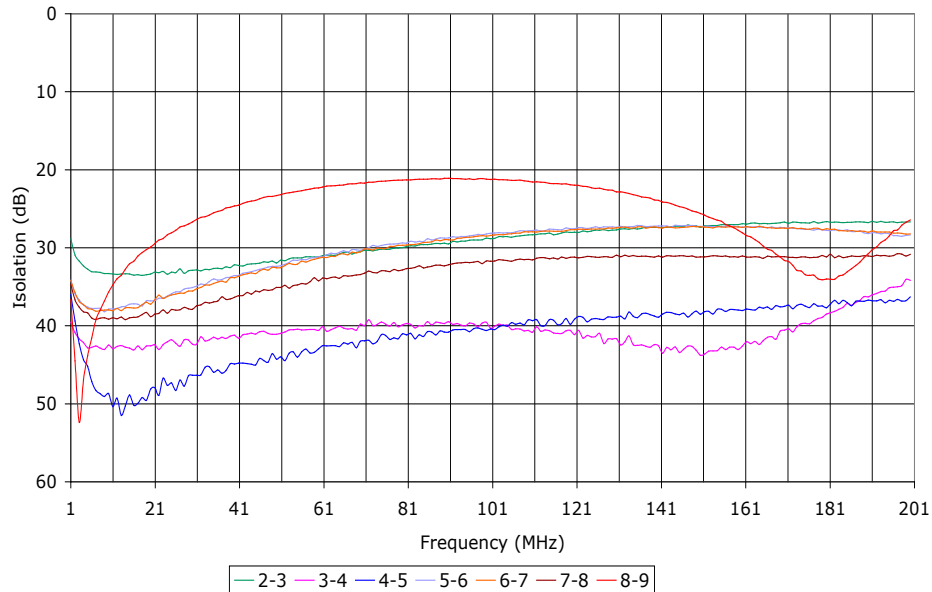
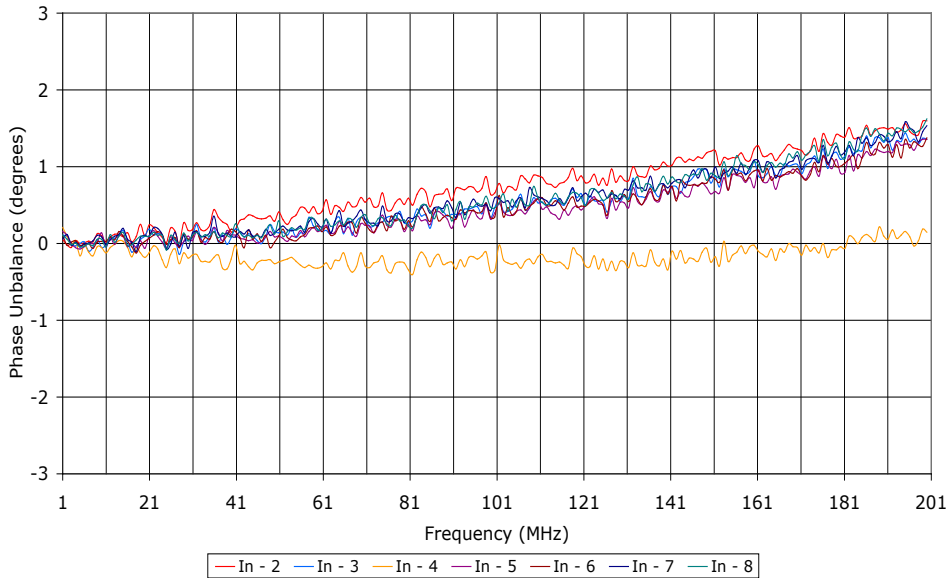
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Data @ 25°C



PERFORMANCE PLOTS

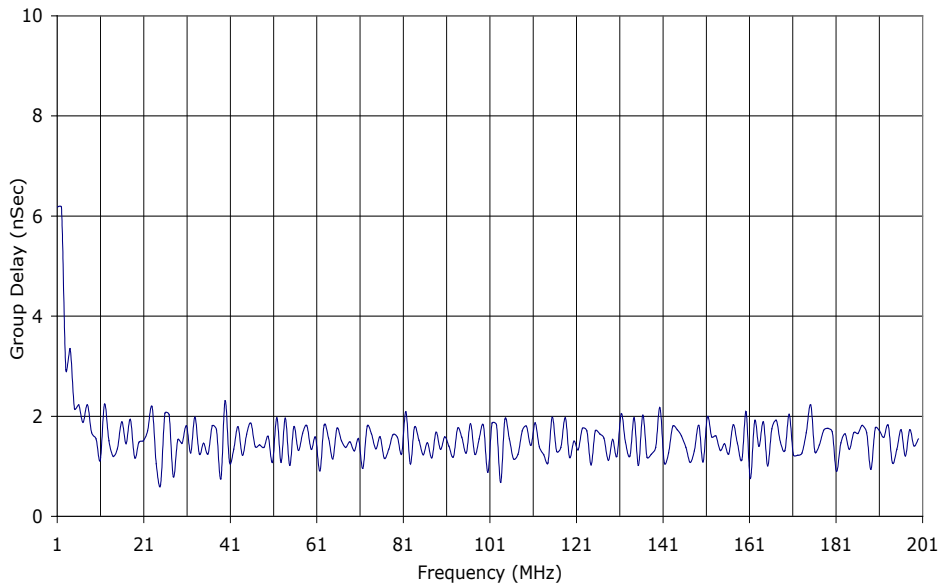
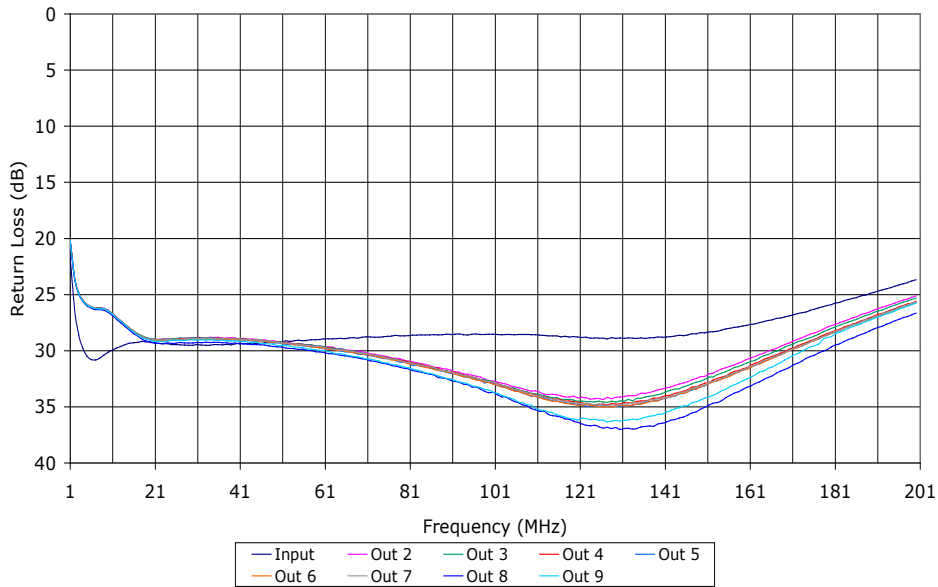
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