8-WAY POWER DIVIDER
SURFACE MOUNT MODEL: DHS-902

WIDE BANDWIDTH — 1 - 200 MHz

FEATURES:

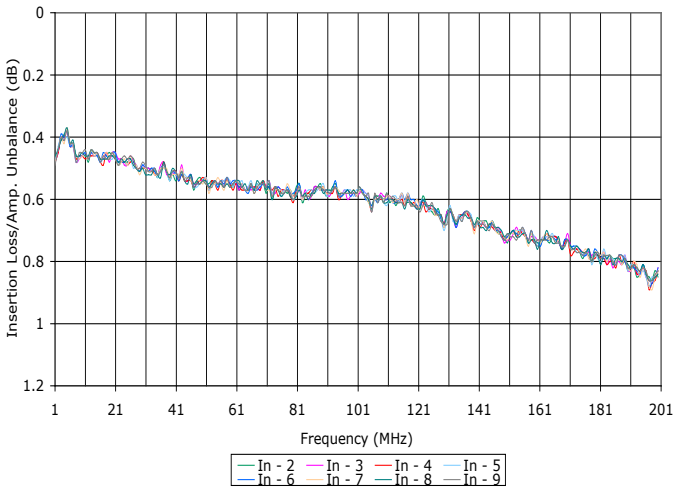
- **Excellent Performance**
- **Wide Bandwidth**
- **Small Size, Surface Mount**
- **Moderate Power**
- **Lead Free RoHS Compliant**

APPLICATIONS:

- **Signal Splitting & Low Power Combining**



Data @ 25°C



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°

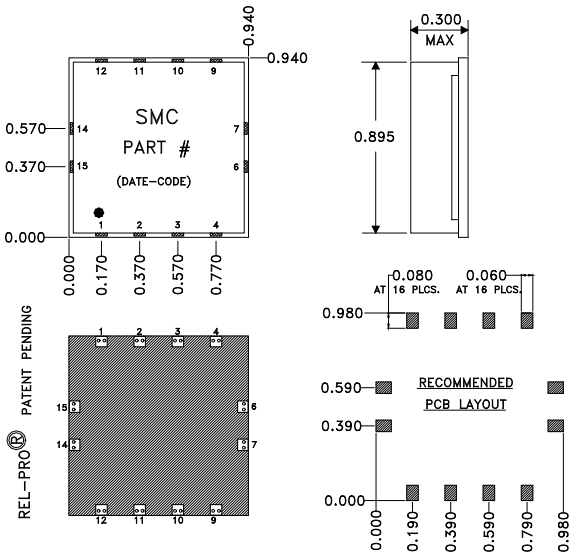
Amplitude Unbalance (dB)

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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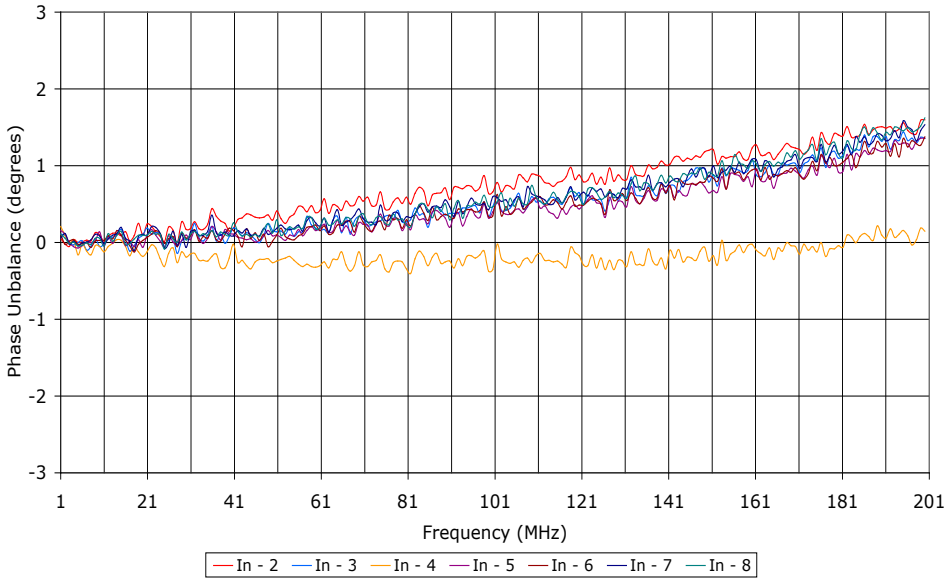
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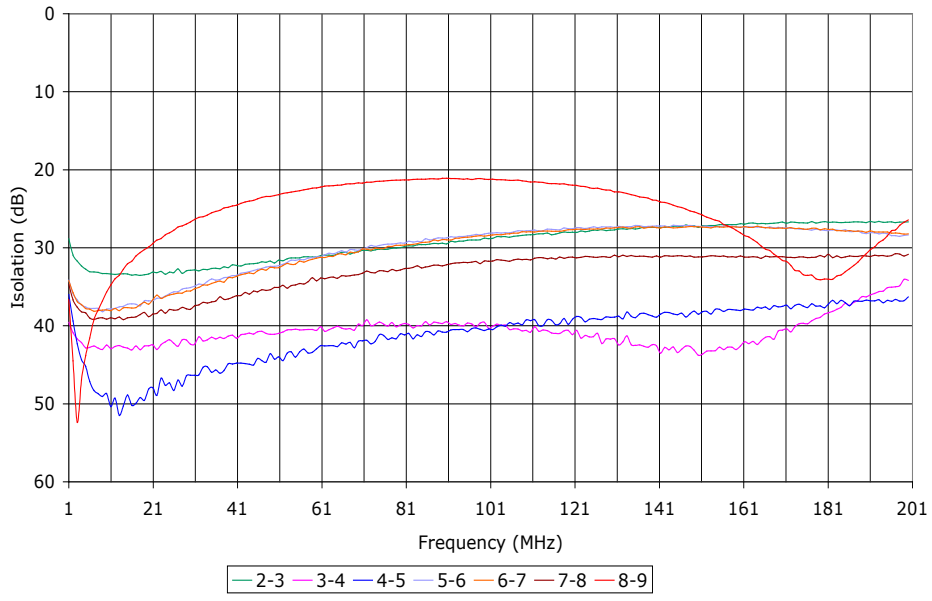
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PERFORMANCE PLOTS





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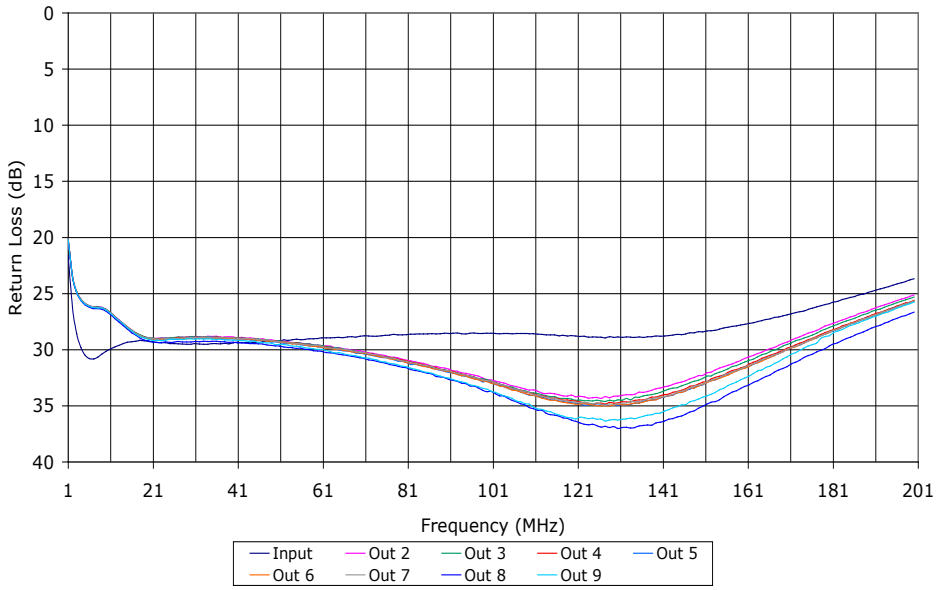
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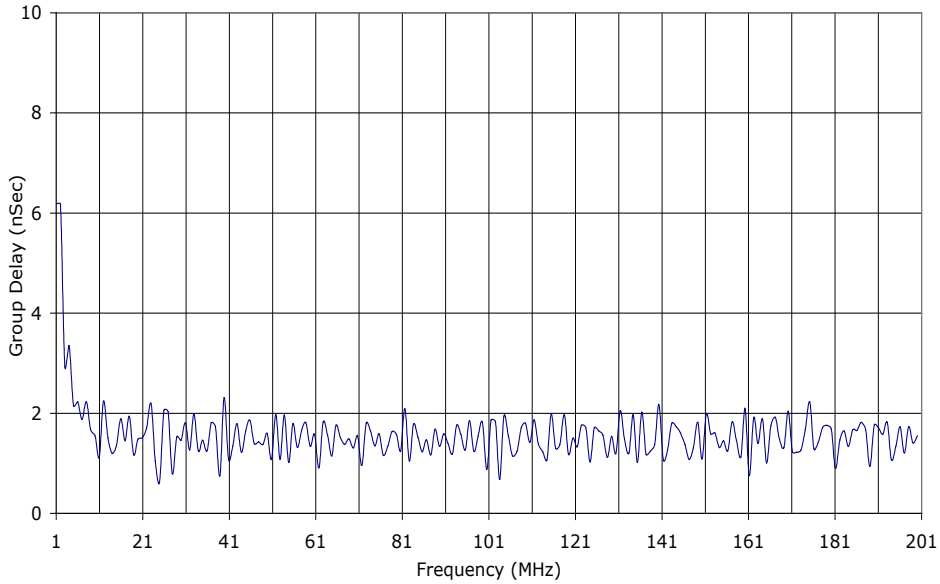
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