

2-WAY POWER DIVIDER

SURFACE MOUNT MODEL: SD2200

WIDE BANDWIDTH

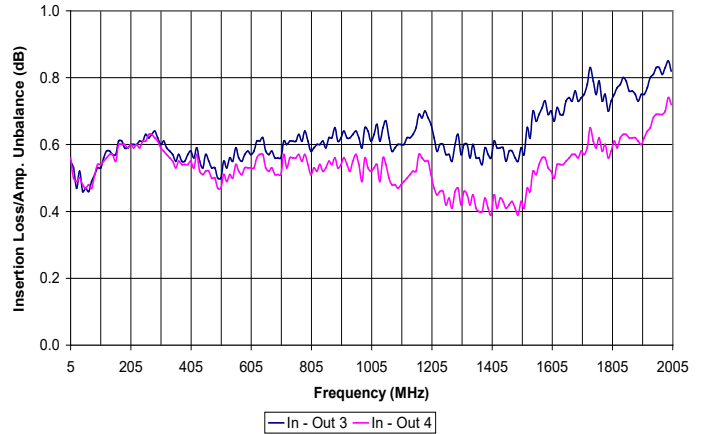
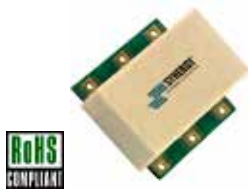
5 - 2000 MHz

FEATURES:

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

APPLICATIONS:

- ▶ Signal Splitting & Low Power Combining



SPECIFICATIONS (Rev. E 06/03/21)

Frequency	5 - 2000 MHz		
Insertion Loss*	Freq. (MHz)	dB (Typ.)	dB (Max.)
	5-200	0.5	0.8
	200-1000	0.7	1.0
	1000-2000	0.8	1.5
Isolation	Freq. (MHz)	dB (Typ.)	dB (Min.)
	5-200	18	15
	200-1000	20	15
	1000-2000	20	15
Phase Unbalance	Freq. (MHz)	Degrees (Max.)	
	5-200	2	
	200-1000	3	
	1000-2000	5	
Amplitude Unbalance	Freq. (MHz)	dB (Max.)	
	5-200	0.2	
	200-1000	0.3	
	1000-2000	0.7	
Input Power Rating	1 Watt (Max.)		
Output Impedance	50 Ohms (Nom.)		
Operating Temperature Range	-40 to +85 °C		
<i>* Above the 3 dB theoretical split loss</i>			

Package # 134LF-3

REL-PRO PATENT NO. 7,612,296

RECOMMENDED PCB LAYOUT

DIMENSIONS ARE IN INCHES.

TOLERANCES ON THREE DECIMAL PLACES = ± 0.015

PACKAGE MOUNTING: SEE APPLICATION NOTE AN7200 & AN7301

PORT CONFIGURATION		
Input	Output	Ground
6	3,4	1,2,5

2-WAY POWER DIVIDER

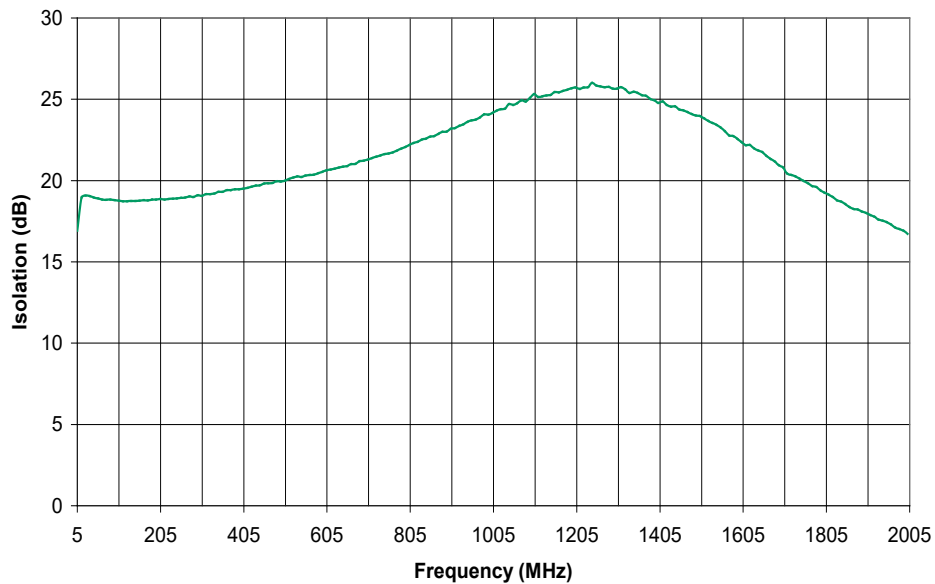
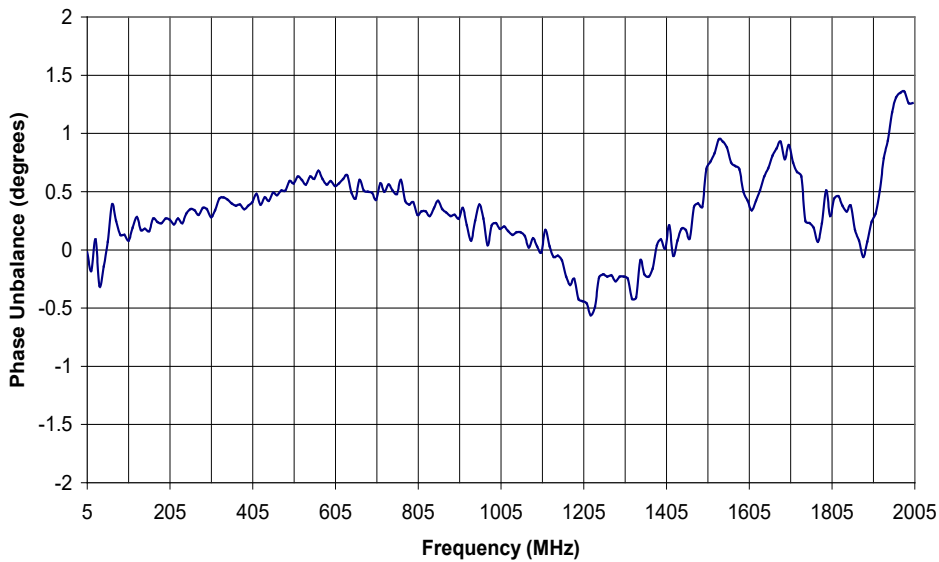
SURFACE MOUNT MODEL: SD2200

WIDE BANDWIDTH

5 - 2000 MHz

@ 25 °C

PERFORMANCE PLOTS



2-WAY POWER DIVIDER

SURFACE MOUNT MODEL: SD2200

WIDE BANDWIDTH

5 - 2000 MHz

@ 25 °C

PERFORMANCE PLOTS

