

2-WAY POWER DIVIDER

SURFACE MOUNT MODEL: SDL-1

WIDE BANDWIDTH

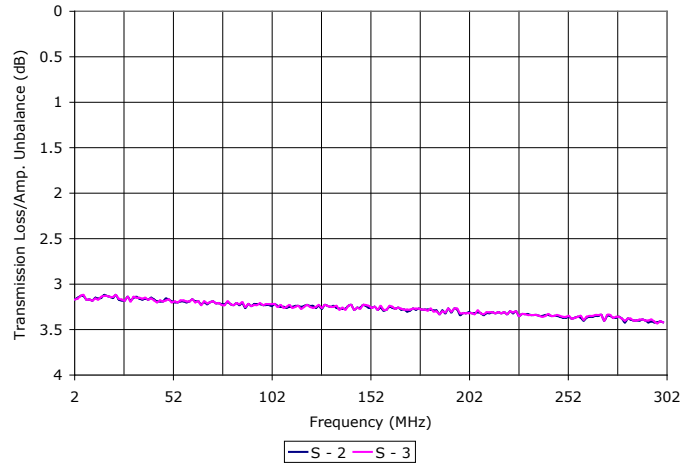
2 - 300 MHz

FEATURES:

- ▶ Excellent Performance
- ▶ Wide Bandwidth
- ▶ Small Size, Surface Mount
- ▶ Moderate Power
- ▶ REL-PRO® Patented Technology
- ▶ Lead Free RoHS Compliant

APPLICATIONS:

- ▶ Signal Splitting & Low Power Combining



SPECIFICATIONS (Rev. C 04/02/12)

Frequency	2 - 300 MHz		
Insertion Loss (dB) ¹	Freq. (MHz)	Typ.	Max.
	2-20	0.5	0.9
	20-150	0.6	0.8
	150-300	0.8	1.0
Isolation (dB)	Freq. (MHz)	Typ.	Min.
	2-20	25	20
	20-150	30	20
	150-300	25	20
Phase Unbalance	Freq. (MHz)	Deg. (Max.)	
	2-20	3	
	20-150	4	
	150-300	5	
Amplitude Unbalance	Freq. (MHz)	dB (Max.)	
	2-20	0.4	
	20-150	0.5	
	150-300	0.5	
Input Power ²	1 Watt (Max.)		
Impedance	50 Ohms (Nom.)		
Operating Temperature Range	-40 to +85 °C		

¹ Insertion loss is above the theoretical 3.0 dB splitting loss.
² Handling power applies to splitter mode and assumes ideal 50 Ohms impedance matching on all ports.

Package # 159LF

REL-PRO® Patent No. 7,612,296

Port Configuration

Input	Output	Ext. GND
2	4,6	1,3,5

TOLERANCES ON THREE DECIMAL PLACES = ± 0.015
 PACKAGE MOUNTING: SEE APPLICATION NOTES AN7200 & AN7301

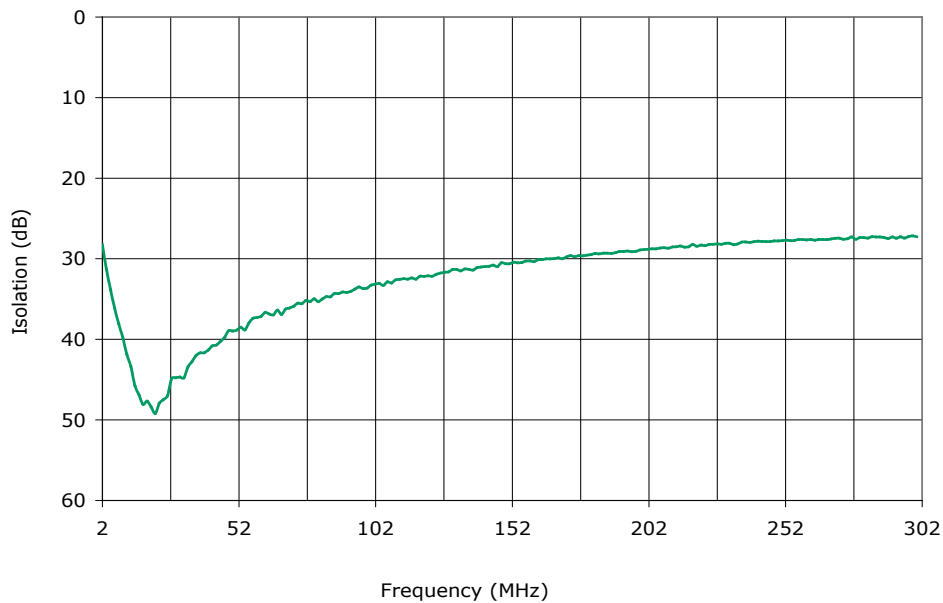
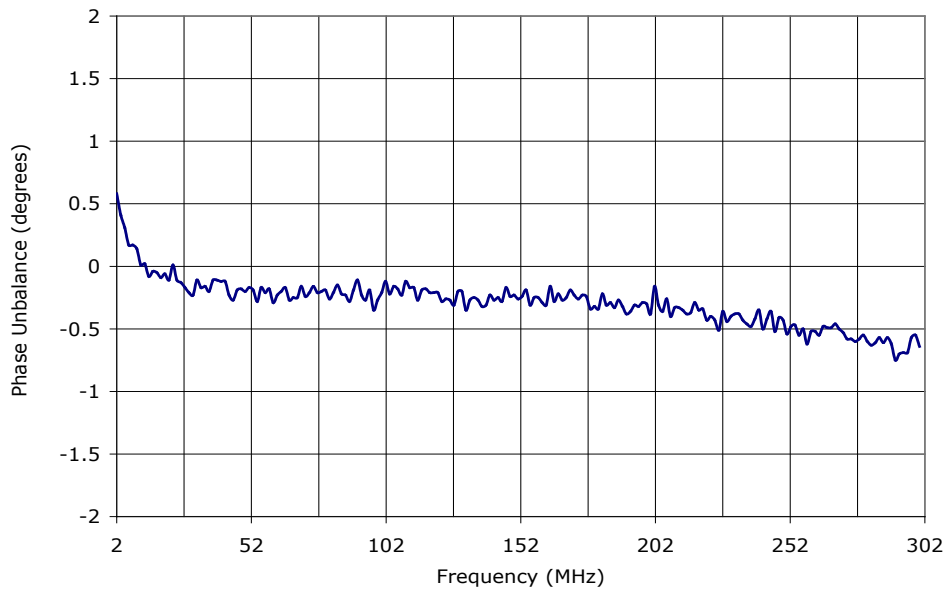
2-WAY POWER DIVIDER

SURFACE MOUNT MODEL: SDL-1

WIDE BANDWIDTH

2 - 300 MHz

PERFORMANCE PLOTS

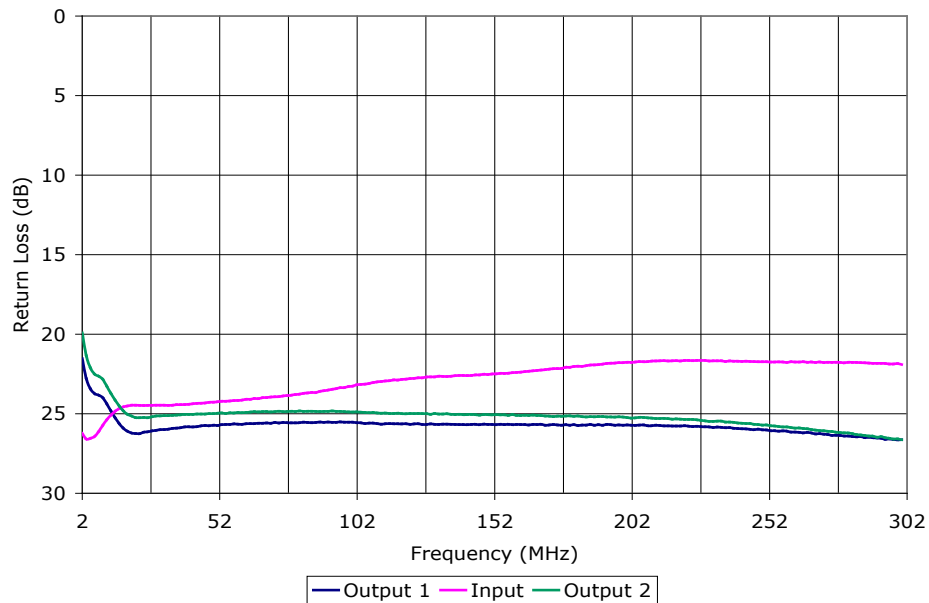


2-WAY POWER DIVIDER

SURFACE MOUNT MODEL: SDL-1

WIDE BANDWIDTH

2 - 300 MHz



PERFORMANCE PLOTS