

2-WAY POWER DIVIDER

SURFACE MOUNT MODEL: SDL-6

WIDE BANDWIDTH

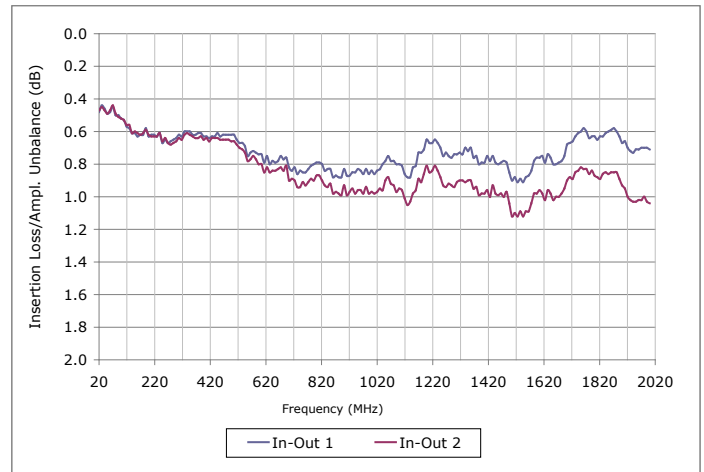
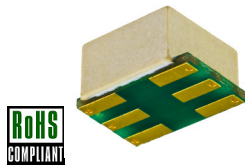
20 - 2000 MHz

FEATURES:

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

APPLICATIONS:

- ▶ Signal Splitting & Low Power Combining



SPECIFICATIONS (Rev. B 01/07/11)

Frequency	20 - 2000 MHz		
Insertion Loss (dB)¹	Freq. (MHz)	Typ.	Max.
	20 - 200	0.6	0.8
	200 - 1000	0.8	1.2
	1000 - 2000	1.0	1.5
Isolation (dB)	Freq. (MHz)	Typ.	Min.
	20 - 200	17	15
	200 - 1000	17	15
	1000 - 2000	18	15
Phase Unbalance (Deg.)	Freq. (MHz)	Typ.	Max.
	20 - 200	0.5	2.0
	200 - 1000	0.5	2.0
	1000 - 2000	1.5	4.0
Amplitude Unbalance (dB)	Freq. (MHz)	Typ.	Max.
	20 - 200	0.05	0.2
	200 - 1000	0.2	0.3
	1000 - 2000	0.3	0.5
VSWR	Input	Output	
	2.0:1 (Typ.)	1.65:1 (Typ.)	
Input Power ²	1 Watt (Max.)		
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

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

Port Configuration		
Input	Output	Gnd.
6	3,4	1,2,5

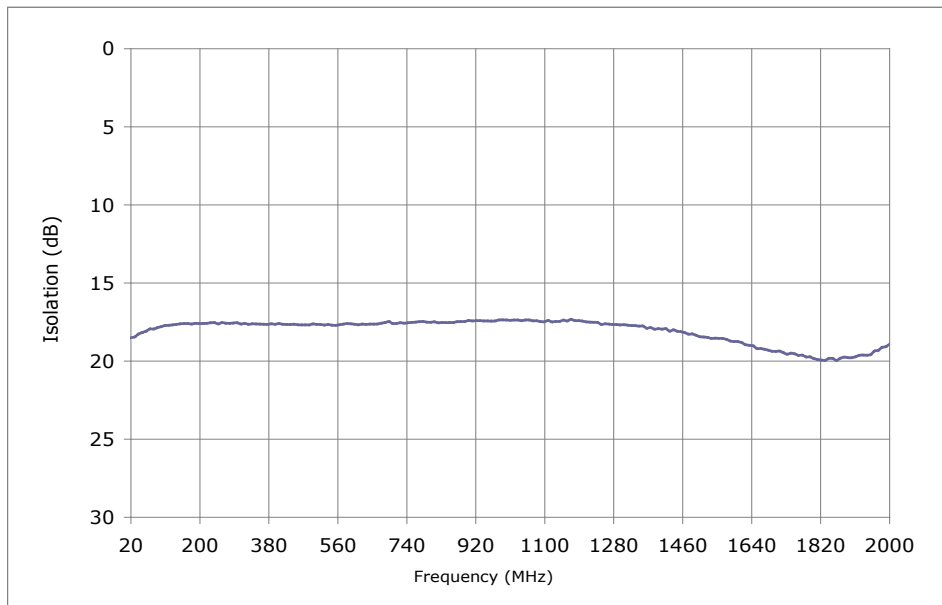
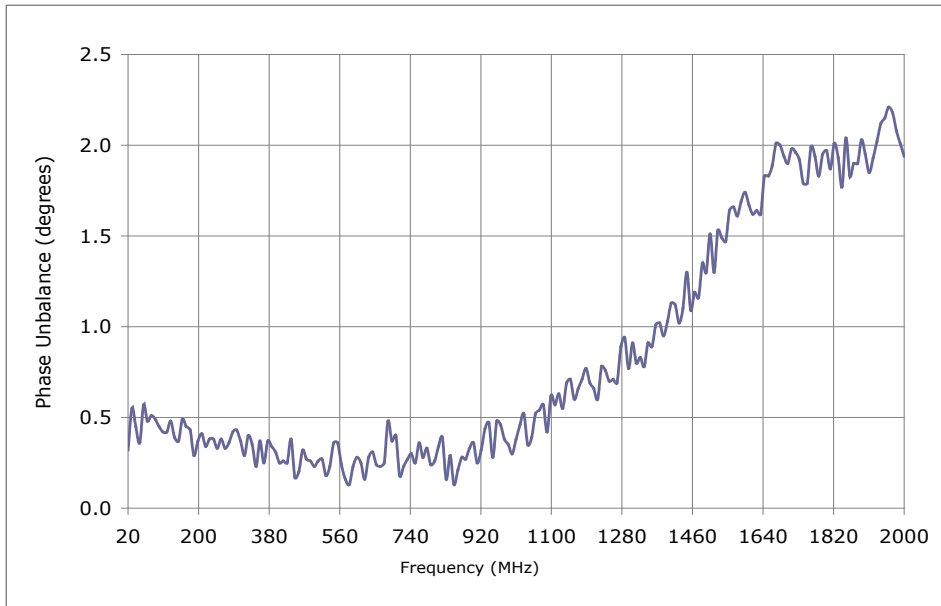
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PERFORMANCE PLOTS



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