

2-WAY POWER DIVIDER

SURFACE MOUNT MODEL: SDL-3

WIDE BANDWIDTH

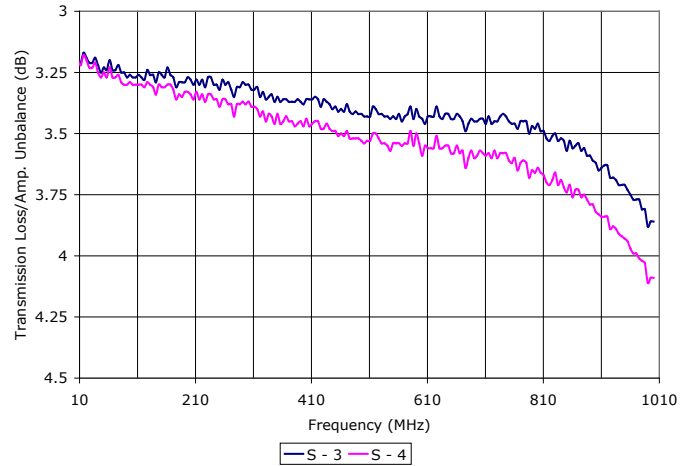
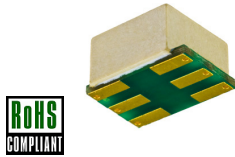
10 - 1000 MHz

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 08/18/18)

Frequency	10 - 1000 MHz		
Insertion Loss (dB) ¹	Freq. (MHz)	Typ.	Max.
	10-100	0.5	0.8
	100-500	0.6	1.0
	500-1000	1.0	1.5
Isolation (dB)	Freq. (MHz)	Typ.	Min.
	10-100	25	20
	100-500	30	17
	500-1000	25	17
Phase Unbalance	Freq. (MHz)	Deg. (Max.)	
	10-100	2	
	100-500	4	
	500-1000	7	
Amplitude Unbalance	Freq. (MHz)	dB (Max.)	
	10-100	0.4	
	100-500	0.5	
	500-1000	0.7	
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

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

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

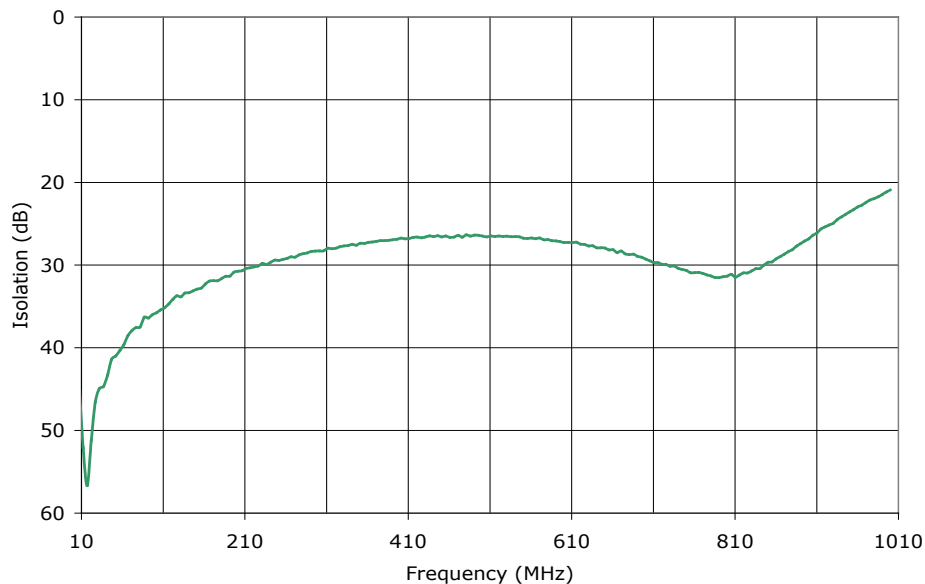
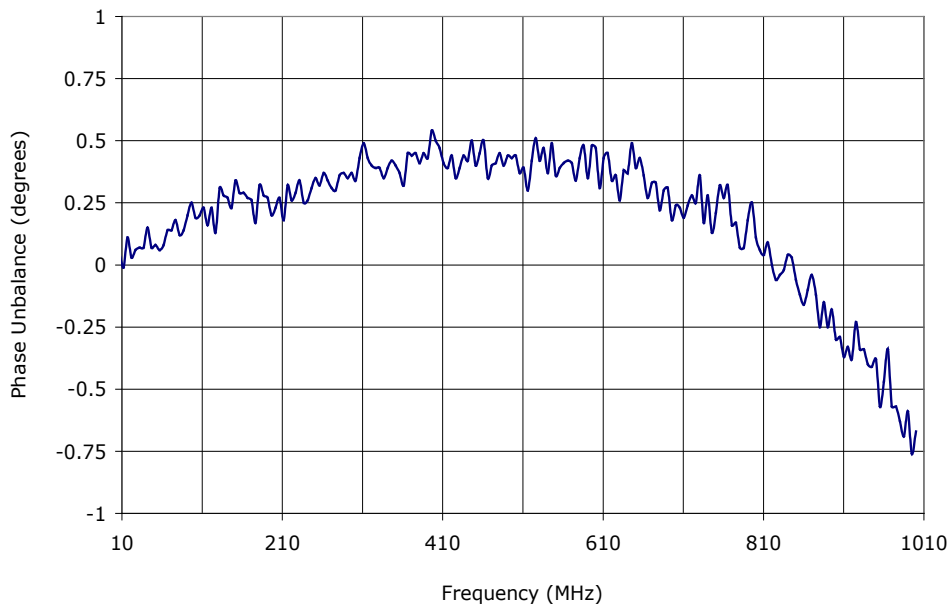
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PERFORMANCE PLOTS



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