

3-WAY POWER DIVIDER

SURFACE MOUNT MODEL: SDL-135

WIDE BANDWIDTH

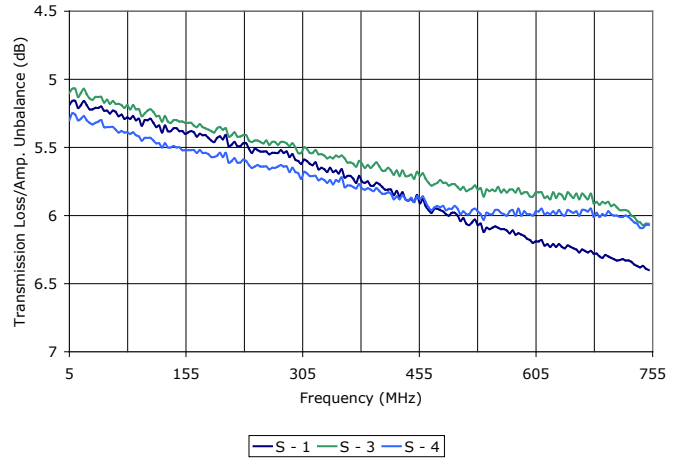
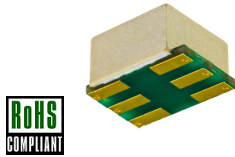
5 - 750 MHz

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. B 02/01/13)

Frequency	5 - 750 MHz		
Insertion Loss (dB) ¹	Freq. (MHz)	Typ.	Max.
	5-50	0.6	1.4
	50-350	0.8	1.6
	350-750	1.5	1.8
Isolation (dB)	Freq. (MHz)	Typ.	Min.
	5-50	25	18
	50-350	25	20
	350-750	23	18
Phase Unbalance	Freq. (MHz)	Deg. (Max.)	
	5-50	3	
	50-350	5	
	350-750	7	
Amplitude Unbalance	Freq. (MHz)	dB (Max.)	
	5-50	0.3	
	50-350	0.5	
	350-750	0.75	
Input Power ²	1 Watt (Max.)		
Impedance	50 Ohms (Nom.)		
Operating Temperature Range	-20 to +70 °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	1,3,4	2,5

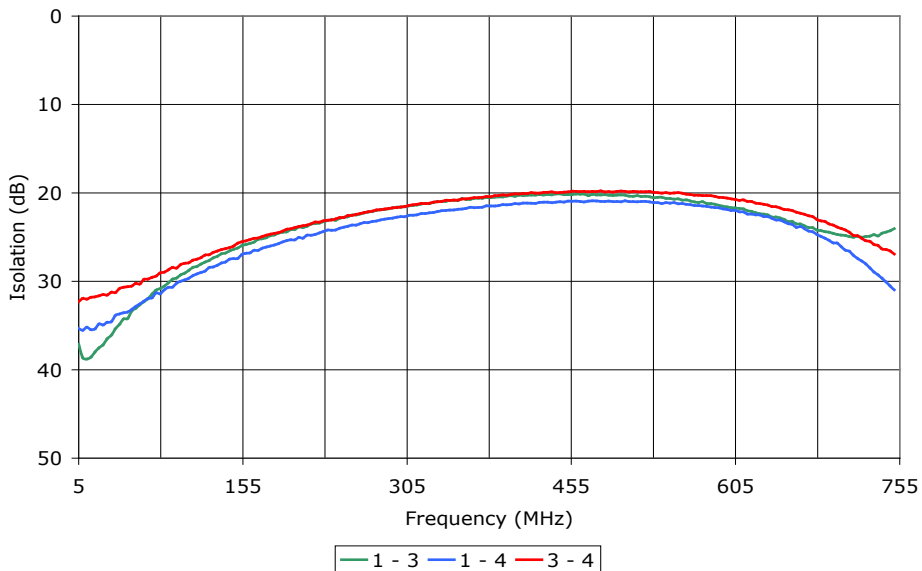
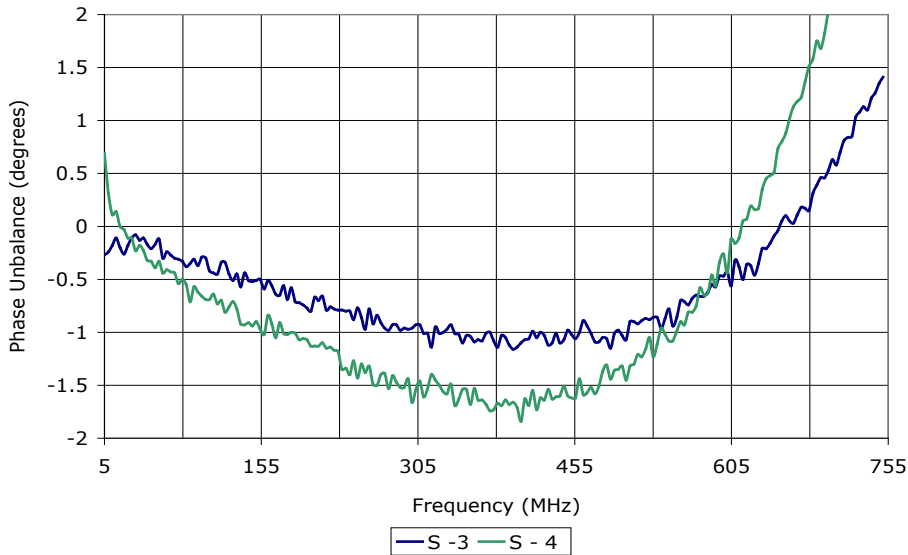
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PERFORMANCE PLOTS



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