

4-WAY POWER DIVIDER

SURFACE MOUNT MODEL: SDL-120

WIDE BANDWIDTH

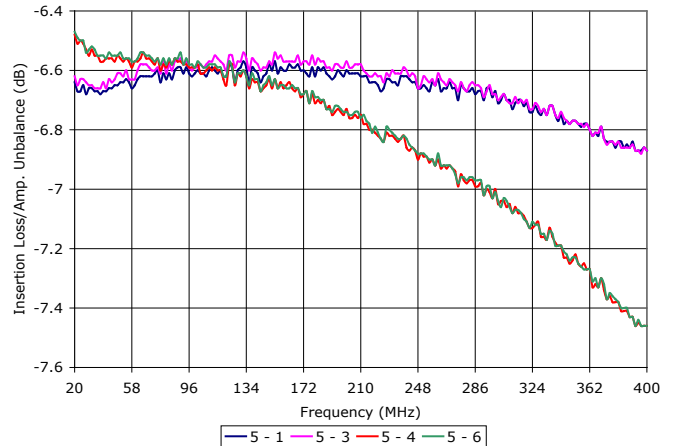
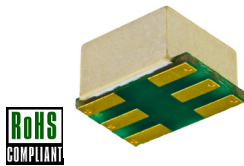
20 - 400 MHz

FEATURES:

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

APPLICATIONS:

- ▶ Signal Splitting & Low Power Combining



SPECIFICATIONS (Rev. D 03/30/11)

Frequency	20 - 400 MHz		
Insertion Loss (dB) ¹	Freq. (MHz)	Typ.	Max.
	20 - 200	1.0	1.3
	200 - 400	1.4	1.8
Isolation (dB)	Freq. (MHz)	Typ.	Min.
	20 - 200	25	18
	200 - 400	20	17
Phase Unbalance (Deg.)	Freq. (MHz)	Typ.	Max.
	20 - 200	1.5°	3.0°
	200 - 400	3.0°	5.0°
Amplitude Unbalance (dB)	Freq. (MHz)	Typ.	Max.
	20 - 200	0.30	0.50
	200 - 400	0.50	0.75
VSWR	1.50:1 (Typ.)		
Input Power ²	1 Watt (Max.)		
Impedance	50 Ohms (Nom.)		
Operating Temperature Range	-40 to +85 °C		

¹ Insertion loss is above the theoretical 6.0 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	Ground
5	1,3,4,6	2

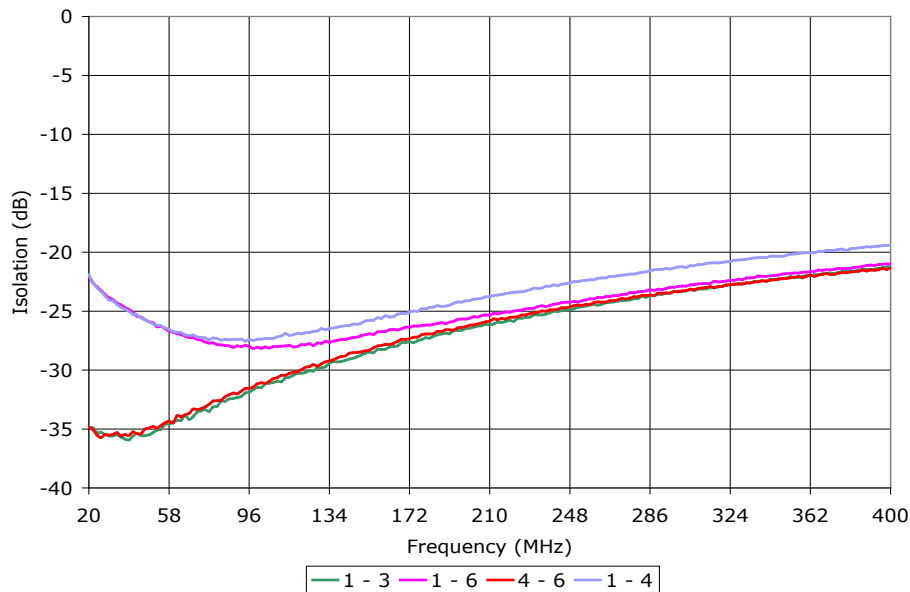
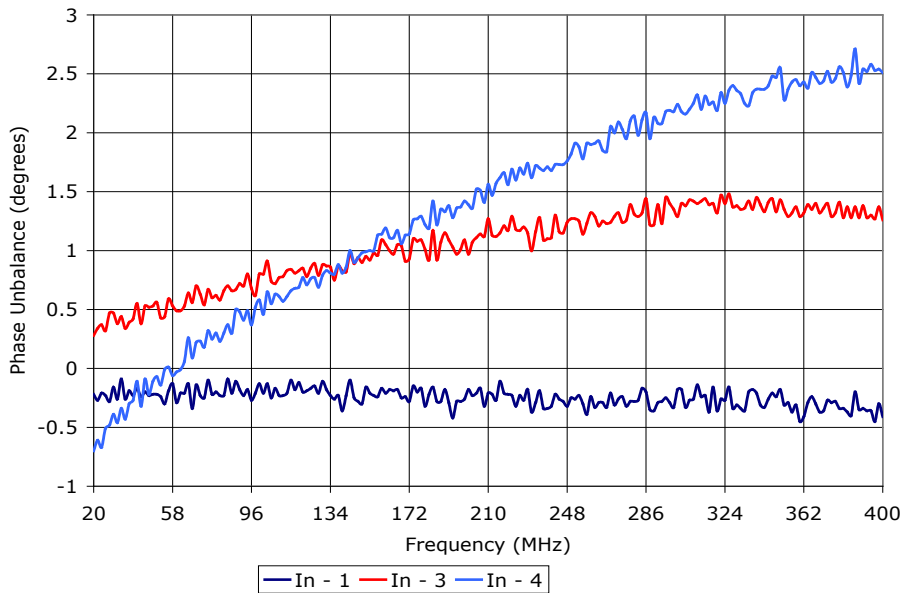
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PERFORMANCE PLOTS

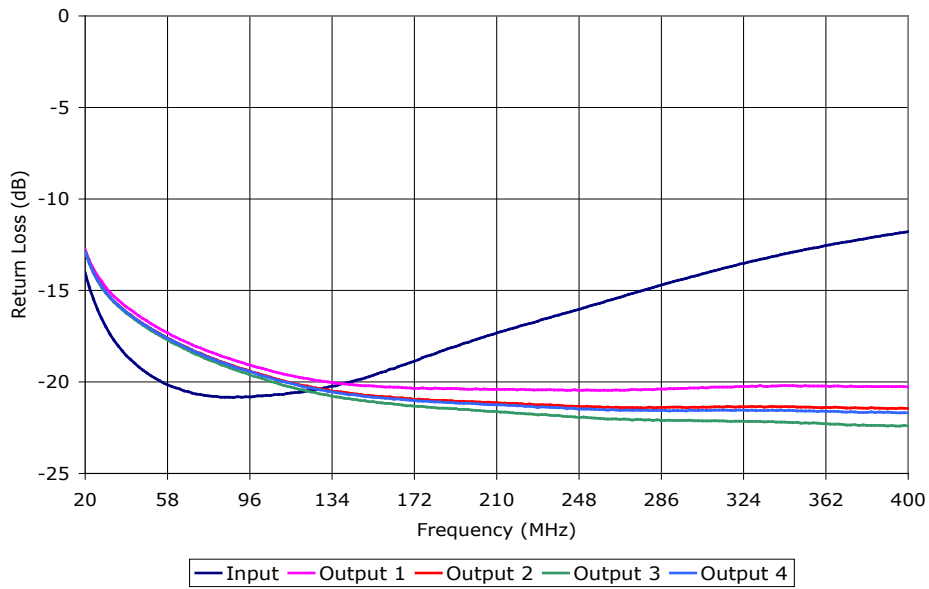


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