

2-WAY POWER DIVIDER

SURFACE MOUNT MODEL: P2D180900L

WIDE BANDWIDTH

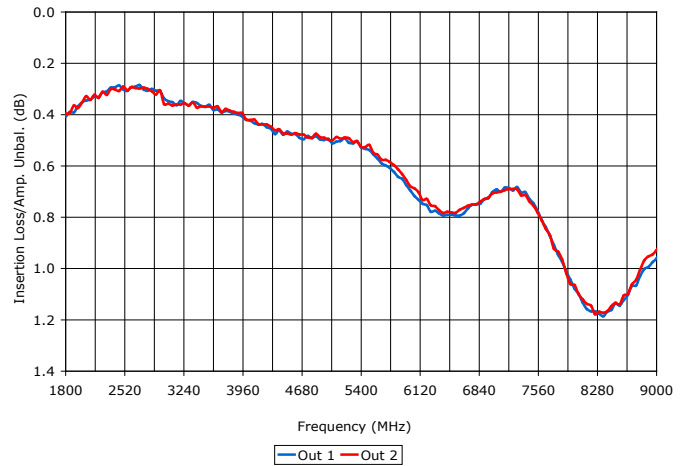
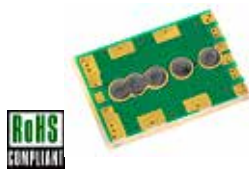
1800 - 9000 MHz

FEATURES:

- ▶ Excellent Performance
- ▶ Wide Bandwidth
- ▶ Small Size, Surface Mount
- ▶ Moderate Power
- ▶ Lead Free RoHS Compliant

APPLICATIONS:

- ▶ Signal Splitting & Low Power Combining



SPECIFICATIONS (Rev. C 07/29/14)

Frequency	1800 - 9000 MHz		
Insertion Loss (dB) ¹	Freq. (MHz)	Typ.	Max.
	1800-4500	0.5	0.8
	4500-9000	1.2	1.6
Isolation (dB)	Freq. (MHz)	Typ.	Min.
	1800-9000	25	15
Phase Unbalance (Deg.)	Freq. (MHz)	Typ.	Max.
	1800-4500	0.4°	2.0°
	4500-9000	0.5°	4.0°
Amplitude Unbalance (dB)	Freq. (MHz)	Typ.	Max.
	1800-4500	0.05	0.2
	4500-9000	0.05	0.3
VSWR	1.75:1 (Typ.)		
Input Power ²	2 Watt (Avg.)		
Impedance	50 Ohms (Nom.)		
Operating Temperature Range	-55 to +100 °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 # 336

REL-PRO PATENT NO. 7,612,296

TOLERANCES ON THREE DECIMAL PLACES = ± 0.015

RECOMMENDED PCB LAYOUT

PACKAGE MOUNTING: SEE APPLICATION NOTE AN7200

Port Configuration		
Input	Output	Ground
1	7,11	All Other

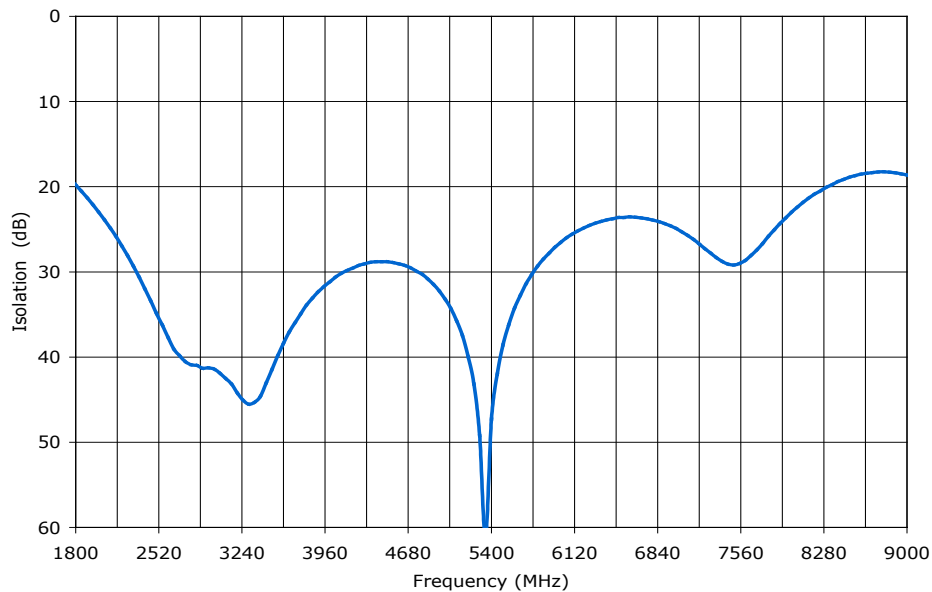
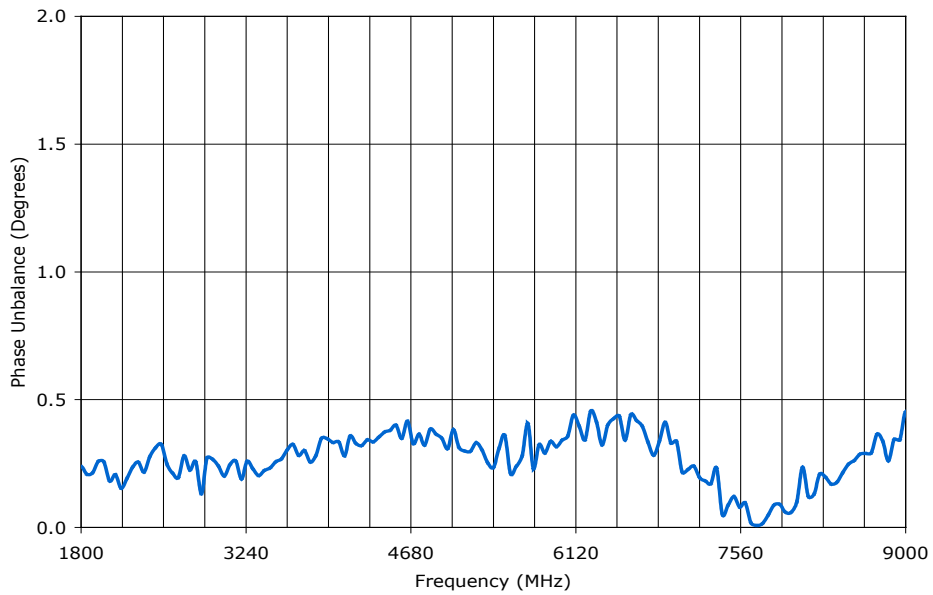
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PERFORMANCE PLOTS

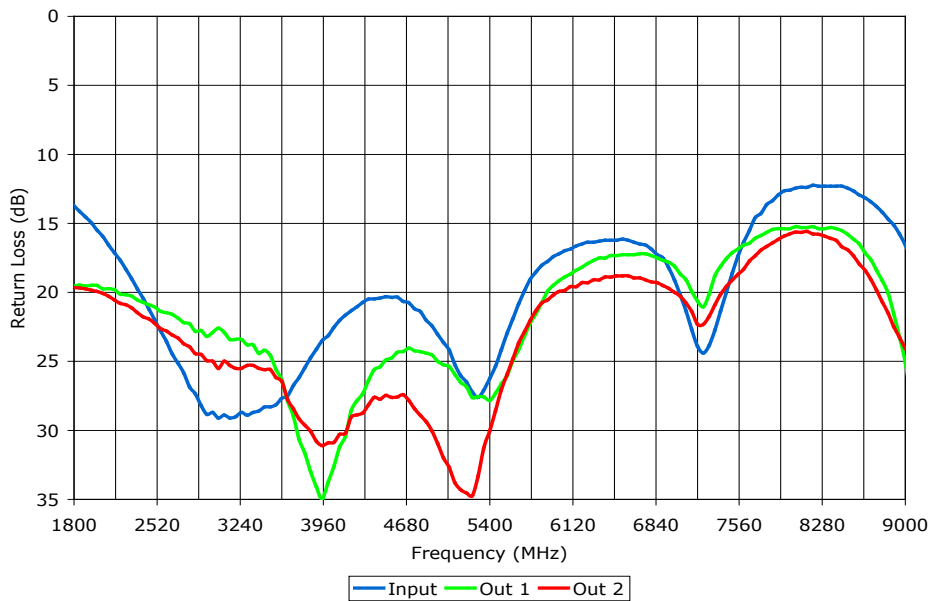


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