

2-WAY POWER DIVIDER

SURFACE MOUNT MODEL: P2D100800

WIDE BANDWIDTH

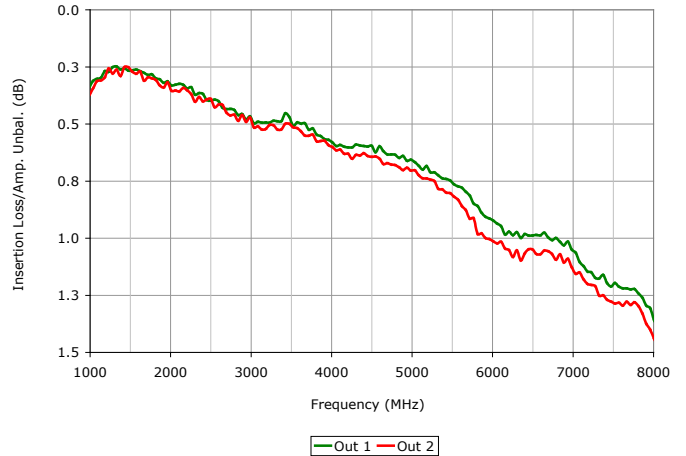
1000 - 8000 MHz

FEATURES:

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

APPLICATIONS:

- ▶ Signal Splitting & Low Power Combining



SPECIFICATIONS (Rev. D 12/01/11)

Frequency	1000 - 8000 MHz		
Insertion Loss (dB) *	Freq. (MHz)	Typ.	Max.
	1000-4000	0.5	0.8
Isolation (dB)	Freq. (MHz)	Typ.	Min.
	1000-8000	25	15
Phase Unbalance	Freq. (MHz)	Typ.	Max.
	1000-4000	0.3	2°
Amplitude Unbalance (dB)	Freq. (MHz)	Typ.	Max.
	1000-4000	0.05	0.2
Input Power **	2 Watt (Max.)		
	VSWR		
Impedance			50 Ohms (Nom.)
Operating Temperature Range			-40 to +85 °C
Storage Temperature Range			-55 to +100 °C
* Above 3.0 dB theoretical split loss.			
** Handling power applies to splitter mode and assumes ideal 50 Ohms impedance matching on all ports.			

Package # 329

PORT CONFIGURATION

Input	Output	Ground
1	7,11	All Other

TOLERANCES ON THREE DECIMAL PLACES= ± 0.015
PACKAGE MOUNTING: SEE APPLICATION NOTE AN7200

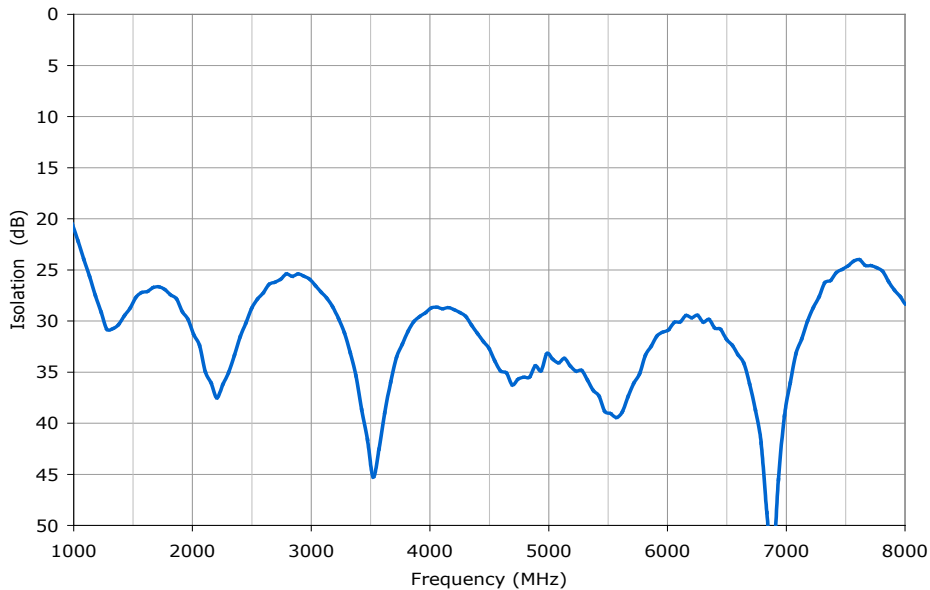
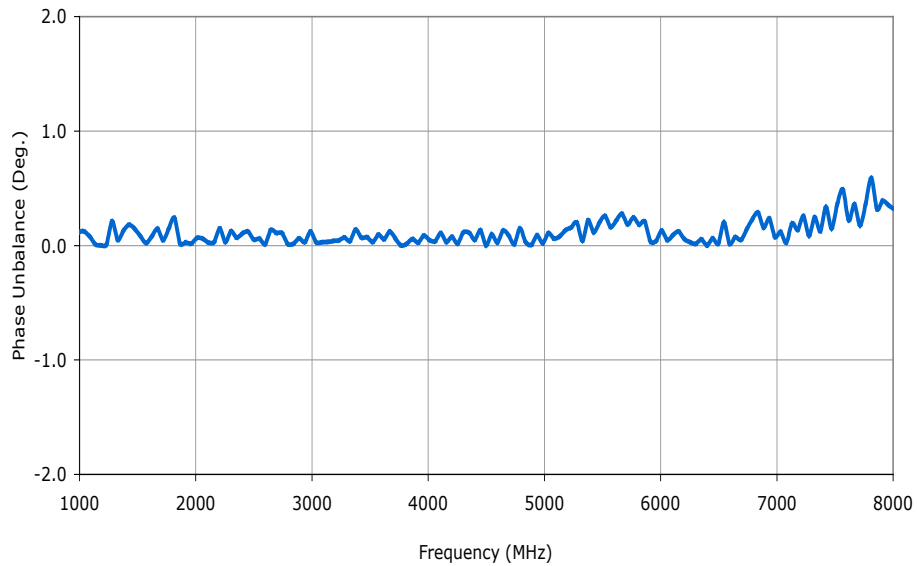
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PERFORMANCE PLOTS

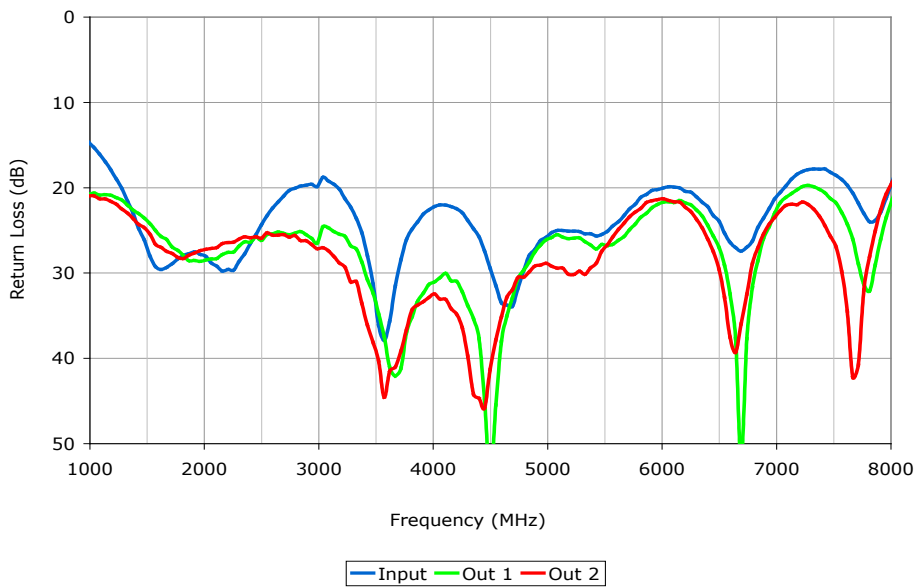


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