

2-WAY POWER DIVIDER

SURFACE MOUNT MODEL: P2D2501000

WIDE BANDWIDTH

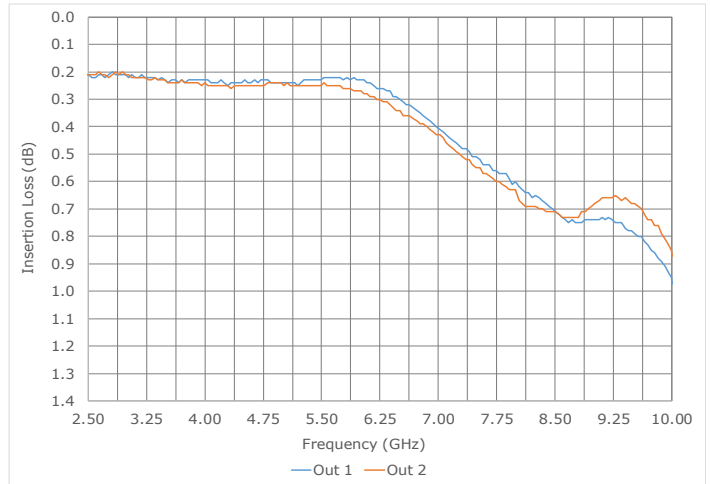
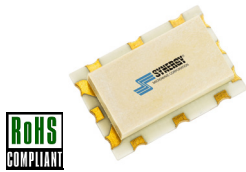
2.5 - 10 GHz

FEATURES:

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

APPLICATIONS:

- ▶ Signal Splitting & Low Power Combining



SPECIFICATIONS

Frequency	2.5 - 10 GHz		
Insertion Loss (dB) *	Freq. (GHz)	Typ.	Max.
	2.5 - 6	0.25	0.45
	6 - 10	0.95	1.4
Isolation (dB)	Freq. (GHz)	Typ.	Max.
	2.5 - 6	16	14
	6 - 10	21	18
Phase Unbalance (Deg.)	Freq. (GHz)	Typ.	Max.
	2.5 - 6	1.25	3.0
	6 - 10	2.25	4.0
Amplitude Unbalance (dB)	Freq. (GHz)	Typ.	Max.
	2.5 - 6	0.05	0.15
	6 - 10	0.09	0.2
Input Power **	3 Watts (Max.)		
VSWR	1.25:1 (Typ.)		
Impedance	50 Ohms (Nom.)		
Operating Temperature Range	-40 to +85 °C		
Storage Temperature Range	-55 to +100 °C		

* Insertion loss in excess of the 3 dB coupling
 ** Handling power applies to splitter mode and assumes ideal 50 Ohms impedance matching on all ports.

Package # 473

PORT CONFIGURATION			
Input	Output 1	Output 2	Ground
1	2	3	All Other



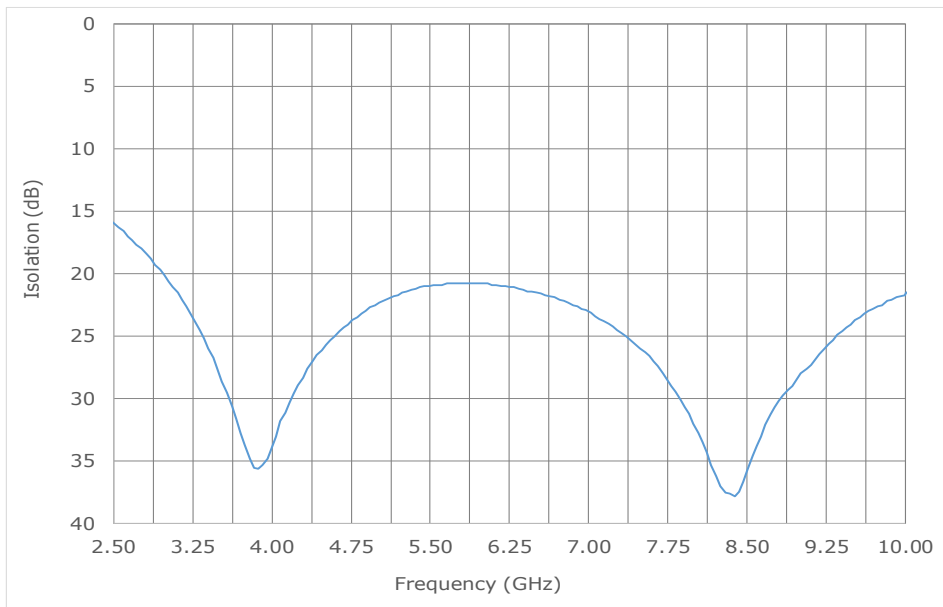
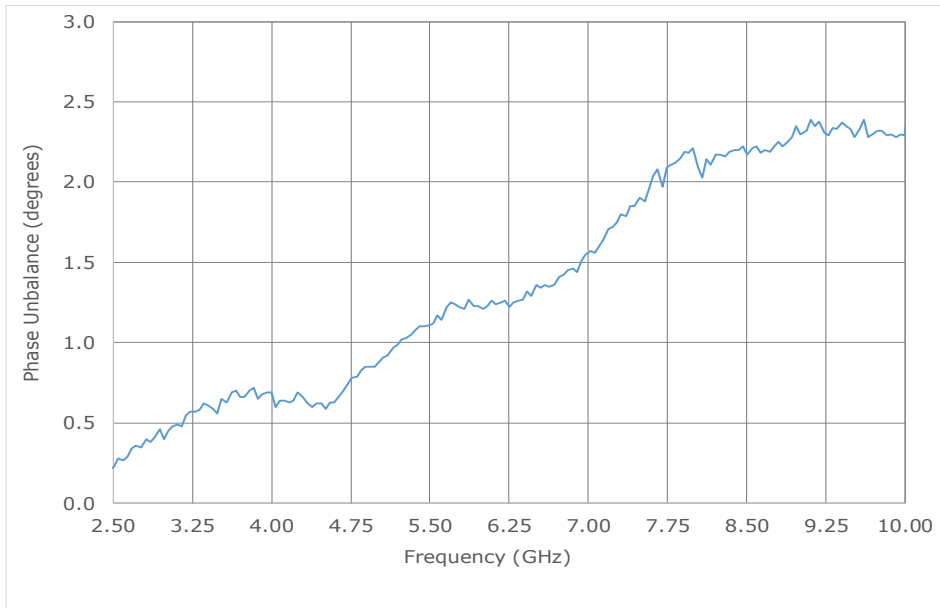
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PERFORMANCE PLOTS

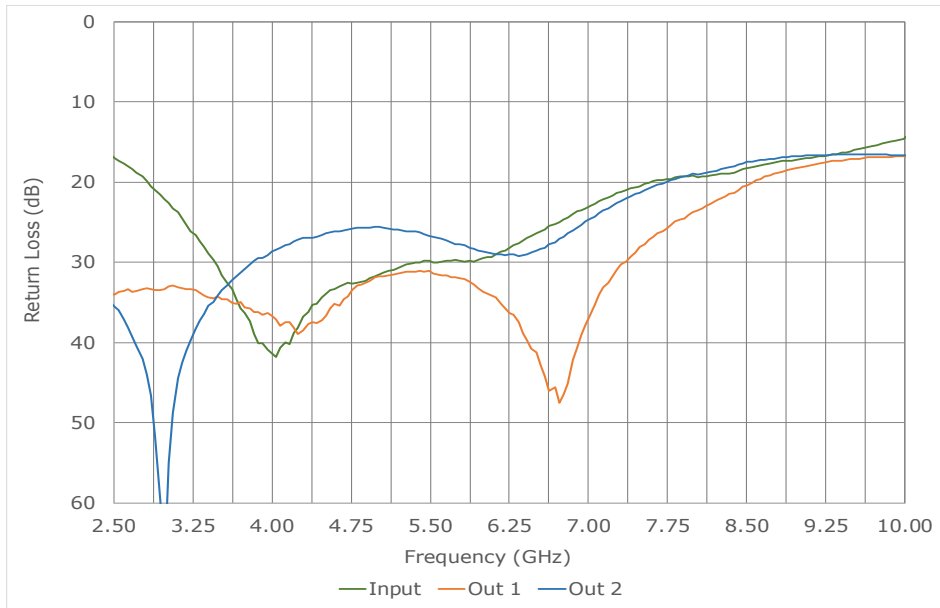


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