

2-WAY POWER DIVIDER

SURFACE MOUNT MODEL: SPD-C12

WIDE BANDWIDTH

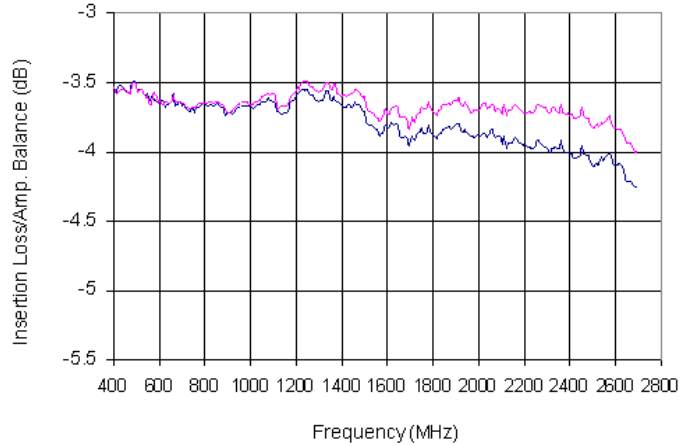
400 - 2700 MHz

FEATURES:

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

APPLICATIONS:

- ▶ Signal Splitting & Low Power Combining



SPECIFICATIONS (Rev. H 09/25/14)

Frequency	400 - 2700 MHz	
Insertion Loss (dB)	Typ.	Max.
	1.0	1.5
Isolation (dB)	Typ.	Min.
	25	20
Phase Unbalance (Deg.)	Typ.	Max.
	4.0	6.0
Amplitude Unbalance (dB)	Typ.	Max.
	0.4	0.5
Input Power	1 Watt (Max.)	
VSWR	Input	
	400 - 1800 (MHz)	2.0:1 (Typ.)
	1800 - 2700 (MHz)	1.5:1 (Typ.)
	Output	
400 - 2700 (MHz)	1.6:1 (Typ.)	
Impedance	50 Ohms (Nom.)	
Operating Temperature Range	-40 to +85 °C	

Package # 357

RECOMMENDED PCB LAYOUT

TOLERANCES ON THREE DECIMAL PLACES = ± 0.015

PACKAGE MOUNTING: SEE APPLICATION NOTE AN7301

Port Configuration		
Input	Output	GND
6	4,8	All Others

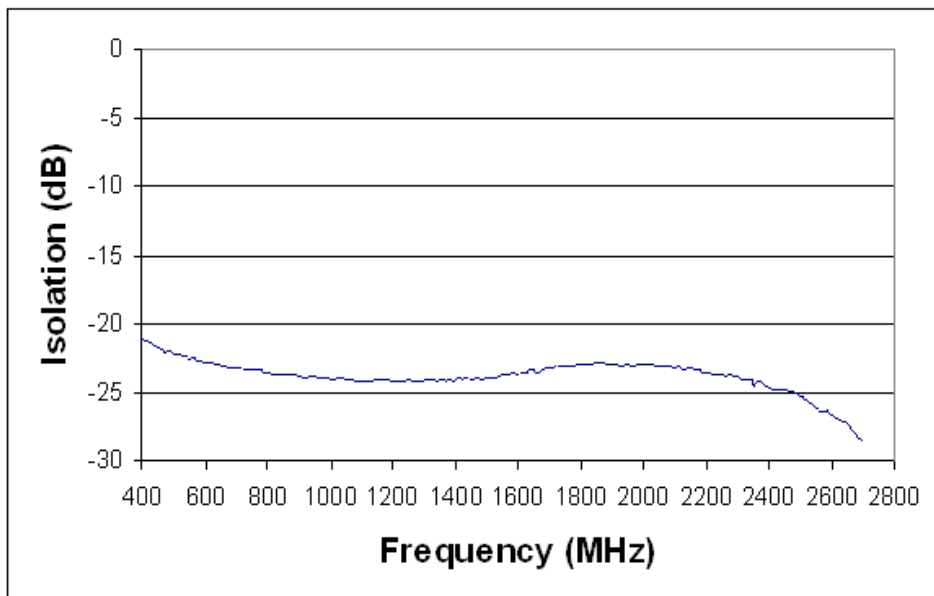
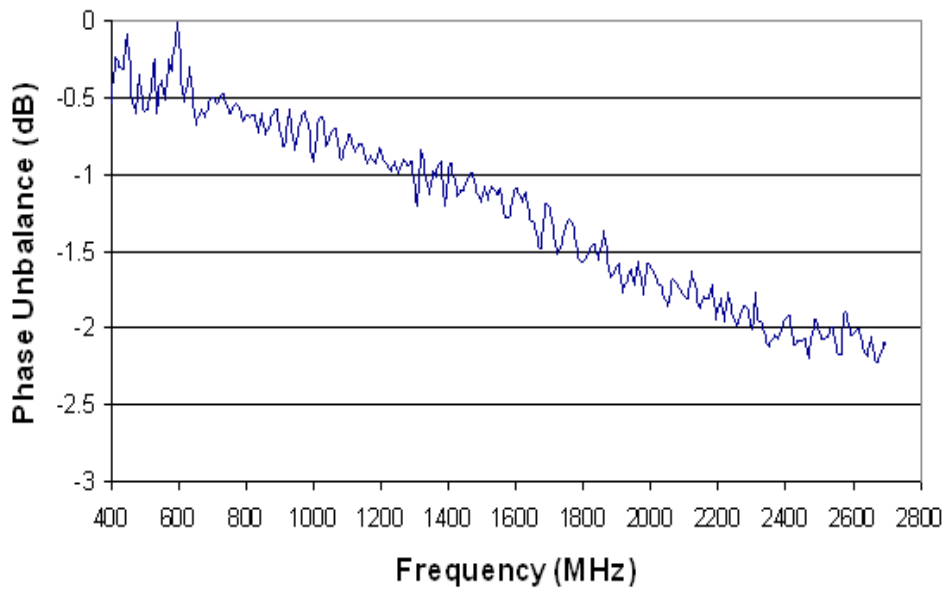
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