

# 3-WAY POWER DIVIDER

## SURFACE MOUNT MODEL: SPD-C9

**WIDE BANDWIDTH**

**1700 - 2200 MHz**

**FEATURES:**

- ▶ Excellent Performance
- ▶ Wide Bandwidth
- ▶ Small Size, Surface Mount
- ▶ Moderate Power
- ▶ Applications: Signal Splitting & Low Power Combining



**SPECIFICATIONS (Rev. A 09/28/06)**

Frequency	1700 - 2200 MHz
Insertion Loss	0.4 dB (Typ.) / 0.8 dB (Max.)
Isolation	23 dB (Typ.) / 18 dB (Min.)
Phase Unbalance	5.0° (Max.)
Amplitude Unbalance	0.5 dB (Max.)
Input Power	1 Watt (Max.)
Output Impedance	50 Ohms (Nom.)
Operating Temperature Range	-20 to +70 °C

**Package # 211**

HATCHED AREA IS MASKED  
0.060(TYP.) 5 PLS.  
0.050(TYP.) 5 PLS.  
0.375  
0.500  
BOTTOM VIEW

0.050 5 PLS.  
PLATED THROUGH (12 LOCATIONS)  
TOP VIEW  
0.112  
0.250  
0.388  
0.413  
0.438  
0.050  
0.325  
0.187  
0.070  
0.150 MAX.  
PIN OUTS  
PIN 1 : INPUT  
PIN 2,3 & 4 : OUTPUTS  
ALL OTHERS GND.  
0.025 TYP.

0.060 12 PL.  
0.415  
0.207  
0.132  
0.270  
0.408  
0.540  
0.070  
0.345  
LAYOUT FOR PRINTED CIRCUIT DESIGN.

PORT CONFIGURATION	
Input	Output
1	2,3,4

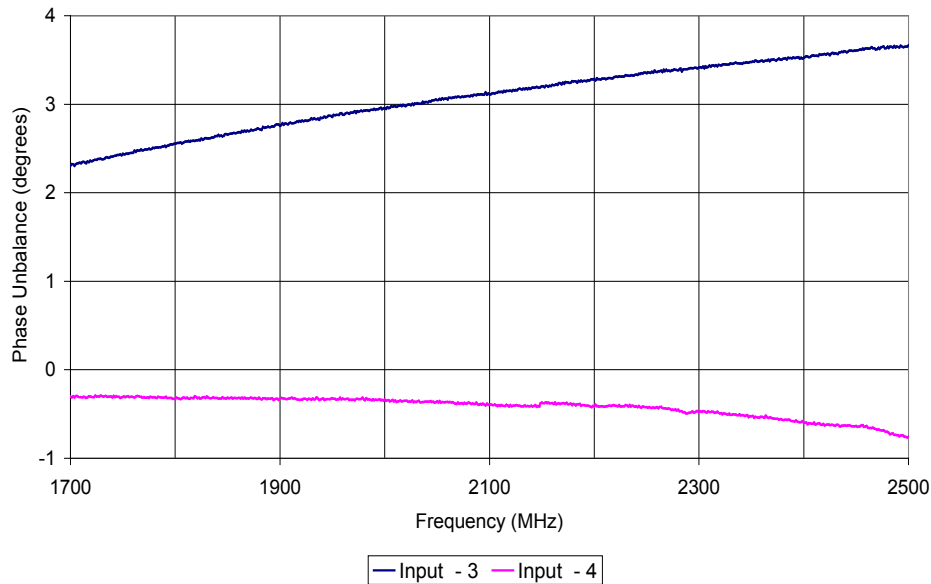
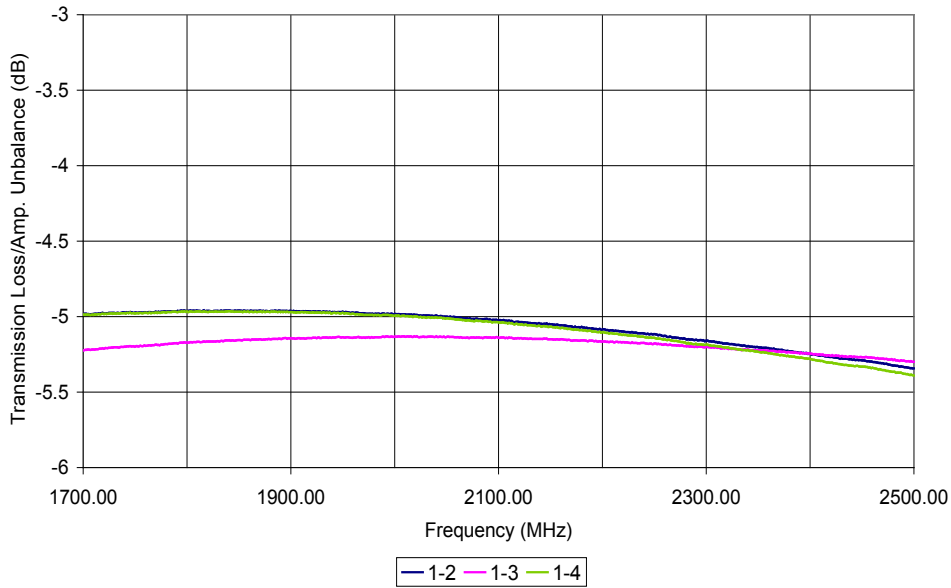
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