

2-WAY POWER DIVIDER

SURFACE MOUNT MODEL: SD-1

WIDE BANDWIDTH

2 - 300 MHz

FEATURES:

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



SPECIFICATIONS (Rev. C 06/05/07)

| | | | |
|------------------------------------|----------------|----------------|-----------|
| Frequency | 2 - 300 MHz | | |
| Insertion Loss | Freq. (MHz) | dB (Typ.) | dB (Max.) |
| | 2-20 | 0.5 | 0.9 |
| | 20-150 | 0.6 | 0.8 |
| | 150-300 | 0.8 | 1.0 |
| Isolation | Freq. (MHz) | dB (Typ.) | dB (Min.) |
| | 2-20 | 25 | 20 |
| | 20-150 | 30 | 20 |
| | 150-300 | 25 | 20 |
| Phase Unbalance | Freq. (MHz) | Degrees (Max.) | |
| | 2-20 | 3 | |
| | 20-150 | 4 | |
| | 150-300 | 5 | |
| Amplitude Unbalance | Freq. (MHz) | dB (Max.) | |
| | 2-20 | 0.4 | |
| | 20-150 | 0.5 | |
| | 150-300 | 0.5 | |
| Input Power | 1 Watt (Max.) | | |
| Output Impedance | 50 Ohms (Nom.) | | |
| Operating Temperature Range | -40 to +85 °C | | |

Package # 134

PIN-OUT

| | | |
|-------|--------|-----------|
| Input | Output | Case Gnd. |
| 2 | 4,6 | 1,3,5 |

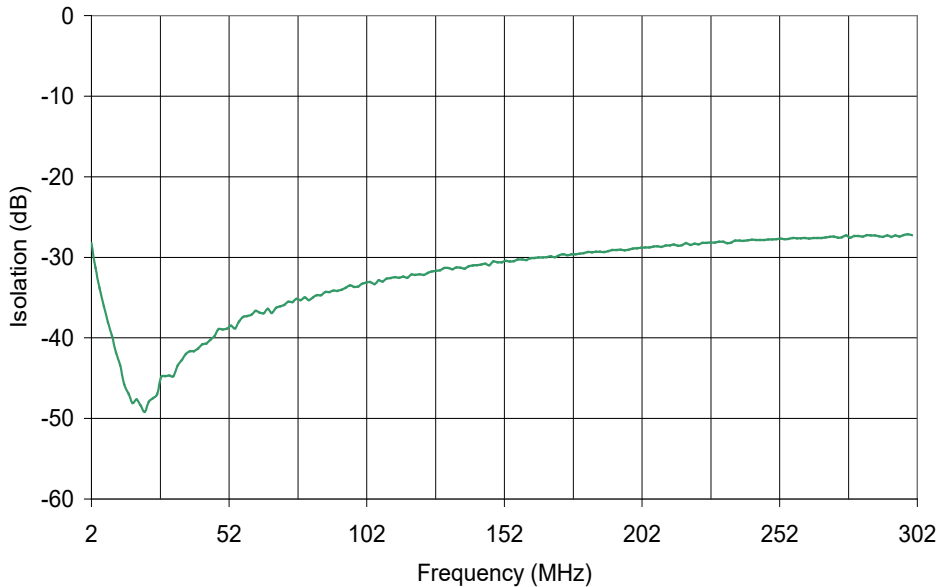
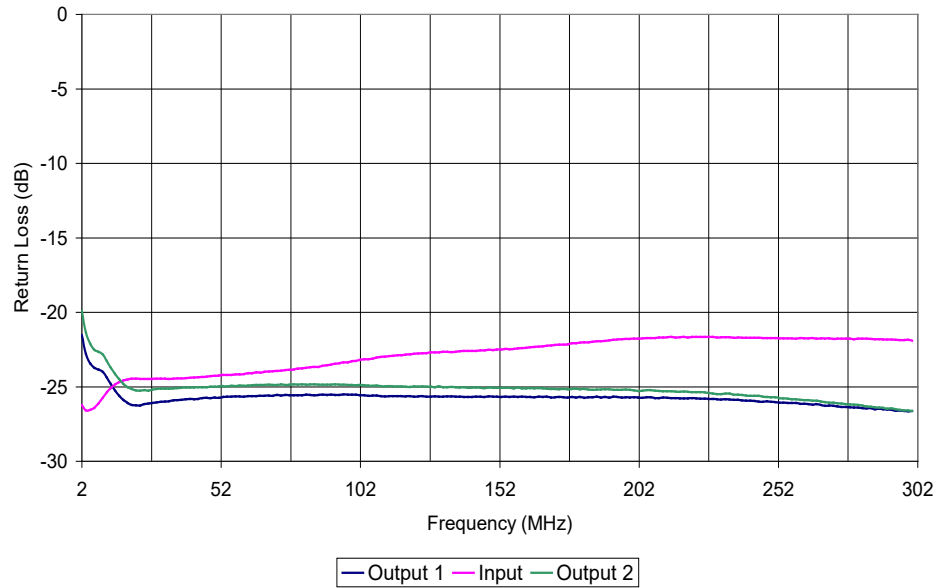
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