

2-WAY POWER DIVIDER

SYNSTRIPTM MODEL P2D6512

FULL BANDWIDTH
OPTIMIZED BANDWIDTH

650 - 1200 MHz
800 - 1000 MHz

FEATURES:

- Synstrip Technology™
- Small Size, Surface Mount
- Low Loss, High Isolation
- Excellent Amplitude and Phase Tracking

APPLICATIONS:

- Signal Splitting / Combining
- Designed for GSM, AMPS

FULL BAND SPECIFICATIONS:

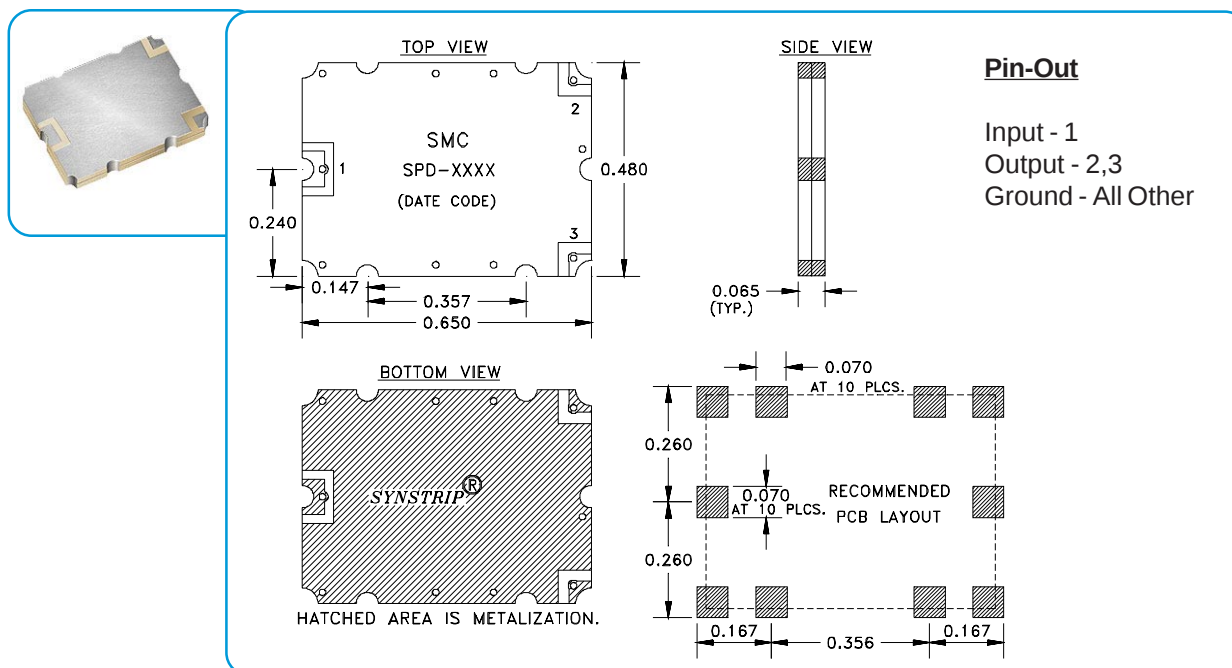
Operating Frequency:	650 - 1200 MHz	Insertion Loss:	0.2 dB (Typ) / 0.3 dB (Max)
Isolation:	22 dB (Typ) / 12 dB (Min)	VSWR:	1.3:1 (Typ) / 1.5:1 (Max)
Phase Unbalance :	1.0° (Typ) / 2° (Max)	Impedance:	50 ohms
Amplitude Unbalance:	±0.15 dB (Typ) / ±0.20 dB (Max)	Input Power:	5 Watt (Max)*
		Operating Temp. Range:	-30° to +70° C

OPTIMIZED BAND SPECIFICATIONS:

Operating Frequency:	800 - 1000 MHz	Insertion Loss:	0.15 dB (Typ) / 0.25 dB (Max)
Isolation:	22 dB (Typ) / 16 dB (Min)	VSWR:	1.25:1 (Typ) / 1.35:1 (Max)
Phase Unbalance :	1.0° (Typ) / 2.0° (Max)	Impedance:	50 ohms
Amplitude Unbalance:	±0.10 dB (Max)	Input Power:	2 Watt (Max)*
		Operating Temp. Range:	-30° to +70° C

* With mismatch of 1.2:1 or less

MECHANICAL OUTLINE:234



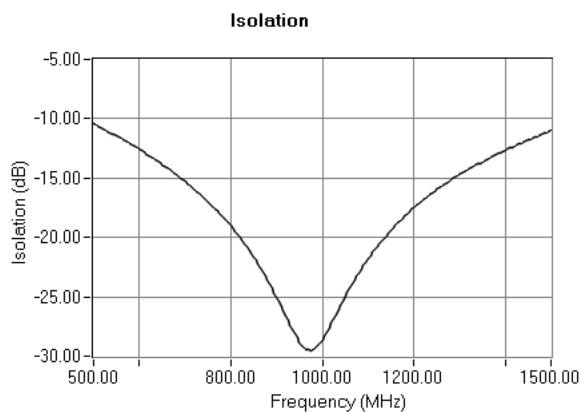
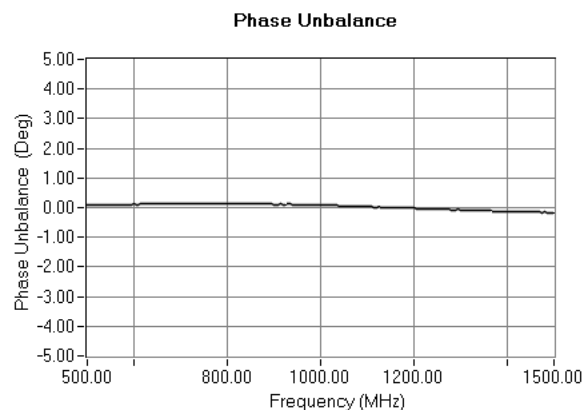
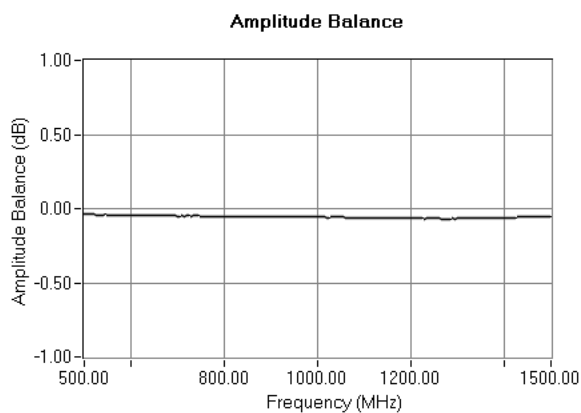
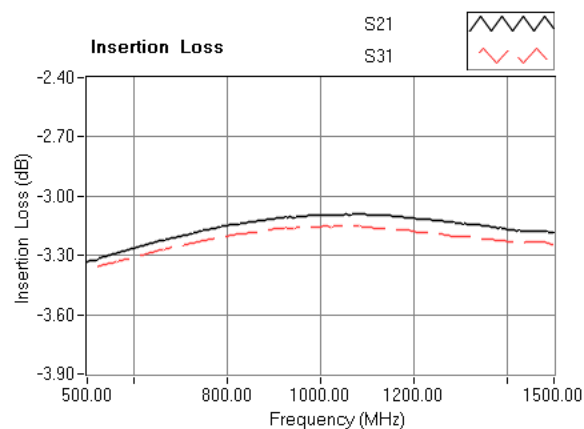
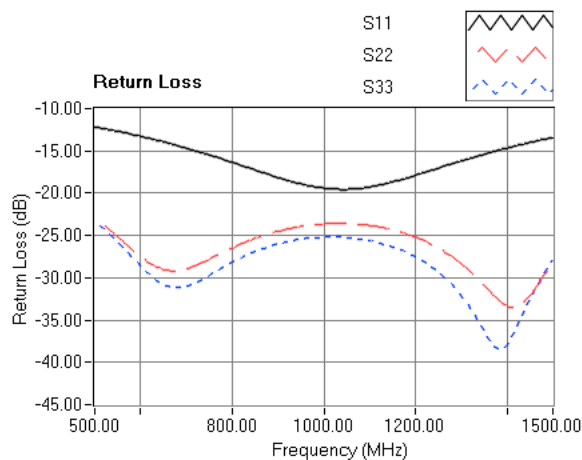
2-WAY POWER DIVIDER

SYNSTRIPTM MODEL P2D6512

FULL BANDWIDTH
OPTIMIZED BANDWIDTH

650 - 1200 MHz
800 - 1000 MHz

PERFORMANCE PLOTS



2-WAY POWER DIVIDER

SYNSTRIP™ MODEL P2D6512

FULL BANDWIDTH
OPTIMIZED BANDWIDTH

650 - 1200 MHz
800 - 1000 MHz

PERFORMANCE PLOTS

