PMI offers a full line of High Power Solid-State Switches that range from DC to 50 GHz with power handling up to 130 Watts CW, 5 kW peak. A wide range of standard models with various options are available.

**Model: P2T-1G1R1G-25-R-SFF-100W**
- **Frequency**: 1.0 to 1.1 GHz
- **Isolation**: 25 dB Min - Measured 40.09 dB
- **VSWR**: 1.5:1 Typ
- **Insertion Loss**: 0.8 dB Max - Measured 0.49 dB
- **RF Input Power**: 100 Watts CW Max / 5 kW peak – Tested to 100 W CW
- **Switching Speed**: 100 ns Max – Measured 61.6 ns
- **Temperature**: -45 °C to +85 °C Operating

**Model: PSM-1G1R1G-TRSW-2500W**
- **Frequency**: 1.0 to 1.1 GHz
- **Isolation**: 25 dB Min (J2-J3) - Measured 38 dB
  60 dB Min (J2-J4) - Measured 65 dB
- **VSWR**: 1.4:1 Typ
- **Insertion Loss**: 1.0 dB Max (Tx Mode) - Measured 0.67 dB
  0.8 dB Max (Rx Mode) - Measured 0.54 dB
- **RF Input Power**: 2.5 KW Peak (J1 Only)
- **Switching Speed**: 385 ns Typ - Measured 300 ns @
  2 kHz Switching Rate Max
- **Temperature**: -45 °C to +85 °C Operating

**Model: P2T-1G18G-10-R-528-SFF-HIP10W**
- **Frequency**: 0.1 to 18.0 GHz
- **Isolation**: 25 dB Min - Measured 25.73 dB
- **VSWR**: 2.0:1 Max - Measured 1.76:1
- **Insertion Loss**: 3.5 dB Max - Measured 2.66 dB
- **RF Input Power**: 10 Watts CW Max - Tested at 10 W CW
- **Switching Speed**: 200 ns Max - Measured 60 ns
- **Temperature**: -54 °C to +100 °C

**Model: PEC-9R510R7-100W-SFF-SPDT**
- **Frequency**: 9.5 to 10.7 GHz
- **Isolation**: 40 dB Min - Measured 44.49 dB
- **VSWR**: 2.0:1 Max - Measured 1.42:1
- **Insertion Loss**: 1.5 dB Max - Measured 1.34 dB
- **RF Input Power**: 120 Watts CW
- **Switching Speed**: 400 ns Max - Measured <300 ns
- **Temperature**: -55 °C to +85 °C Operating

---

**Planar Monolithics Industries, Inc.**

High Power Solid-State Switches

**West Coast Operation:**
4921 Robert J. Mathews Pkwy, Suite 1
El Dorado Hills, CA 95762 USA
Tel: 916-542-1401
Fax: 916-265-2597

east@pmi-rf.com • www.pmi-rf.com

**ISO9001-2008 REGISTERED**