PMI offers a full line of High Power Solid-State Switches that range from 10 MHz up 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-10M6G-45-R-5V-SFF-HIP20W
- **Frequency**: 0.01 to 6.0 GHz
- **Isolation**: 20 dB Min - Measured 73 dB at 0.01 GHz, 23 dB at 6.0 GHz
- **VSWR**: 2.0:1
- **Insertion Loss**: 2.8 dB Max - Measured 2.54 dB
- **RF Input Power**: 20 Watts CW Max - Tested to 25 W CW
- **Switching Speed**: 100 ns Max - Measured 61.6 ns
- **Temperature**: -55 ºC to +85 ºC Operating

### Model: P2T-500M10G-60-R-515-SFF-10WCW
- **Frequency**: 0.5 to 10.0 GHz
- **Isolation**: 60 dB Min - Measured 88 dB
- **VSWR**: 2.0:1 Max - Measured 1.6:1
- **Insertion Loss**: 2.5 dB Max - Measured 1.15 dB
- **RF Input Power**: 10 Watts CW Max - Tested at 10 W CW
- **Switching Speed**: 100 ns Typ - Measured 86 ns
- **Temperature**: -54 ºC to +85 ºC Operating

### Model: P2T-500M18G-80-T-515-SFF-4W
- **Frequency**: 0.5 to 18.0 GHz
- **Isolation**: 70 dB Min - Measured 75.21 dB
- **VSWR**: 2.0:1 Max - Measured 1.86:1
- **Insertion Loss**: 3.5 dB Max - Measured 3.14 dB
- **RF Input Power**: 4 Watts CW Max - Tested at 4 W CW
- **Switching Speed**: 200 ns Max - Measured 60 ns
- **Temperature**: -40 ºC to +85 ºC

### Model: P2T-6G18G-40-R-570-TFF-1D6KW
- **Frequency**: 6.0 to 18.0 GHz
- **Isolation**: 40 dB Min - Measured 40 dB
- **VSWR**: 2.0:1 Max - Measured 1.99:1
- **Insertion Loss**: 2.2 dB Max - Measured 2.04 dB
- **RF Input Power**: 100 Watts CW / 1.6 KW Peak - Tested to 130 Watts CW
- **Switching Speed**: 200 ns Max - Measured 165 ns
- **Temperature**: -40 ºC to +85 ºC

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**Planar Monolithics Industries, Inc.**

High Power Solid-State Switches

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