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RFuW Engineering Ltd.

## RFuW Engineering Announces the Release of the MSW6T-6040-600 High Power SP6T (+56 dBm)



RFuW Engineering, the industry's leading provider of High Power SMT RF Limiters and Switches today announces the release of the [MSW6T-6040-600](#) High Power SP6T. The MSW6T-6040-600 SP6T provide unparalleled High Power RF performance intended for multi-band transceivers operating in the 30 MHz to 512 MHz frequency bands. The MSW6T-6040-600 can safely handle Peak Power up to +60 dBm and CW Power of up to +56 dBm. The MSW6T-6040-600 offers the RF designer a solution to overcome the age old problem of large parasitic capacitance penalty imposed by discrete High Power PIN Diodes packaged in bulky MELF packages. The MSW6T-6040-600 offers the following RF performance characteristics:

### Features:

- |                                |                   |
|--------------------------------|-------------------|
| • Frequency Range:             | 30 MHz to 512 MHz |
| • High Average Power Handling: | +56 dBm           |
| • High Peak Power Handling:    | +60 dBm           |
| • Low Insertion Loss:          | < 0.7 dB          |
| • Isolation:                   | >30 dB            |
| • Return Loss:                 | >13 dB            |
| • Surface Mount Module:        | 8mm x 8mm x 2.5mm |
| • RoHS Compliant               |                   |

The MSW6T-6040-600 supports a switching time of 1 usec (typ) and is offered in a SMT package is 8mm x 8mm x 2.5mm RoHS compatible package. The Country of Origin is Malaysia.

The MSW6T-6040-600 is available now directly from RFuW Engineering ([www.rfuw-engineering.com](http://www.rfuw-engineering.com)) or via our distributor, RFMW ([www.rfmw.com](http://www.rfmw.com)).

*RFuW Engineering offers an extensive line of high power, high reliability, SMT Limiter and Switches in the HF to Ku Band frequency range designed, developed and produced from the company's Asia base of operation. Founded in 2014 by former senior management of Aeroflex & MACOM specifically focused on supporting a worldwide clientele of RF customers from the world's most business friendly base of operations in Malaysia and Hong Kong.*