

## New Product Announcement

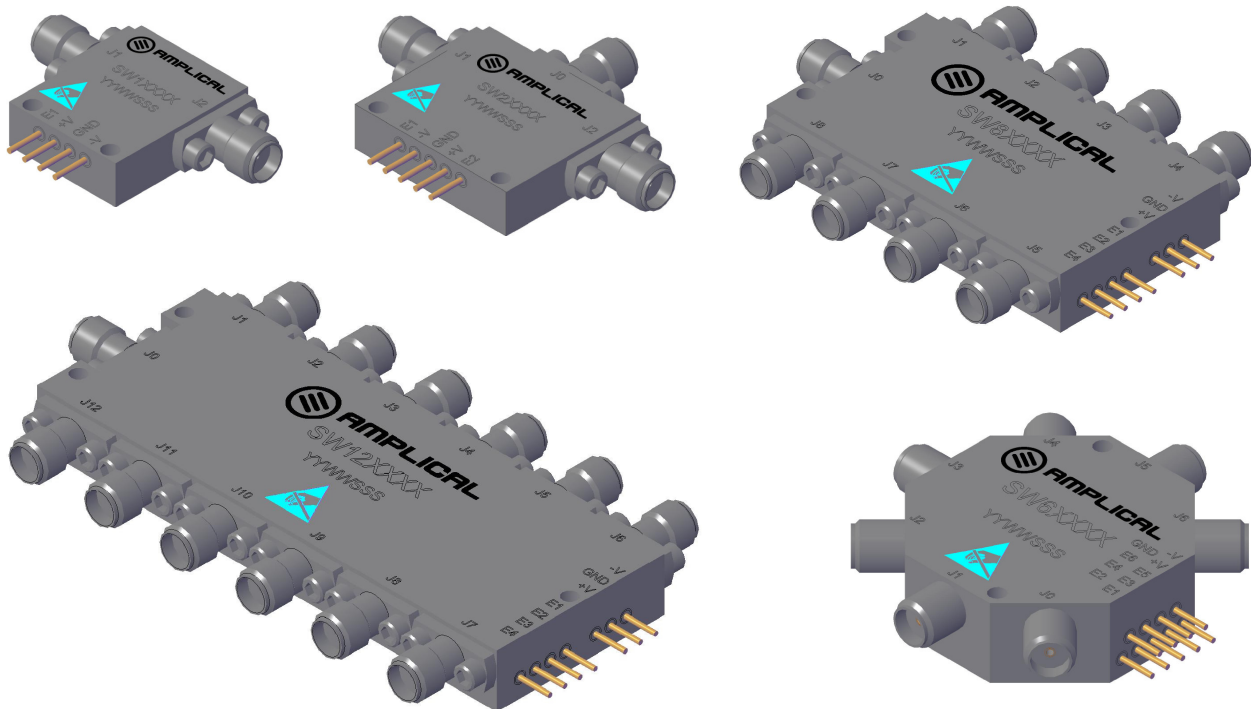
Amplical Corporation announces a new family of competitively priced high performance broadband coaxial PIN diode switches featuring low insertion loss, low vswr, high isolation, and fast switching speed. Standard configurations range from single-pole, single-throw (SPST) through single-pole, six-throw (SP6T), single-pole eight-throw (SP8T) and single-pole, twelve-throw (SP12T). All switches are available with either absorptive or reflective inputs in many broadband frequency ranges including 400MHz to 6GHz, 2 to 18GHz, 500MHz to 18GHz and an ultra-broadband 100MHz to 20GHz.

The switches operate from +5V and -12 to -20V DC power supplies. DC current draw is optimized to minimize DC power dissipation. TTL compatible drivers are incorporated on all switches for convenient logic control.

Mechanical packages for all switch configurations have been optimized for minimal size and weight. The switches incorporate MIL-PRF-39012 SMA female connectors and  $\varnothing 0.030$ " solder pins.  $\varnothing 0.096$  through-holes are incorporated on all switches for convenient chassis mounting

Applications for this series of switches include Communications Systems, Electronic Simulators, Bypass Switches, Test Equipment, Switched Filter Banks, Blanking Switches, Radar Systems, EW Systems, and Simulators.

All switches can be customized for any electrical or mechanical parameter including alternate DC power supplies, frequency band-specific performance optimization, port-to-port and unit-to-unit insertion loss and insertion phase matching. Hermetic seal and MIL/high-reliability screening is available on all models.



### About Amplical Corporation:

Amplical is a leading supplier of high quality RF and Microwave components. Utilizing state of the art design and manufacturing techniques, Amplical focuses on producing high performance amplifiers, switches, modulators, attenuators, phase shifters and limiters at affordable prices. Amplical serves the defense, aerospace, communications, test and instrumentation markets.