

Multi-Throw Product Capability

Stocked EM Standard EM Custom EM Standard PIN **Multi-Throw PIN** High Power PIN Switched Attenuators Switched Filter Banks Limiters

Quick Reference Guide

Multi-Throw PIN Diode Switches 469

Narda offers a range of Multi-Throw PIN Diode switches. These units are designed to customer requirements and can include SPST to SP30T, absorptive or reflective switch. These devices can also be configured with additional microwave components such as: amplifiers, limiters, attenuators, couplers, power dividers, filters, etc. The following are examples of units we have previously provided.



SP9T



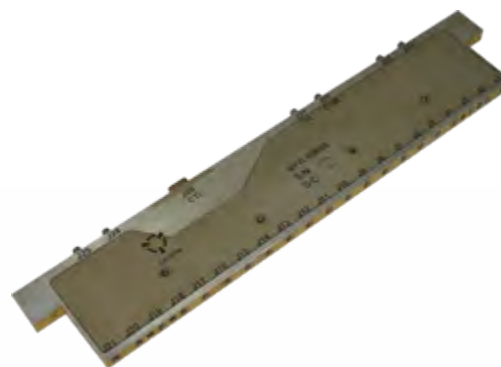
SP10T



SP16T



SP18T



SP25T

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Features

▪ Very High Speed ▪ Precise Attenuation over Frequency Band ▪ Small Package Size ▪ Low Insertion Loss ▪ Hermetically Sealed

Applications

▪ Wide-Band EW Systems ▪ Radar and Phased Array Systems ▪ Wide-Band Instruments and Test Systems (ATE) ▪ Options Available Based On Standard Designs ▪ Different Attenuation Range ▪ Performance Optimized over a Narrower Bandwidth

Description

These miniature, high speed digitally controlled switchedbit attenuators are designed for operation over multi-octave bandwidths. Attenuation levels are guaranteed to be monotonic and selectable using standard TTL logic circuitry.

All models are hermetically sealed and are specified to operate over the full temperature range. All attenuators are equipped with removable RF connectors and are suitable for drop-in applications.