

Digitally Controlled Attenuators



DrawCom offers a line of digitally controlled RF attenuators that operate over the range of 1.0 to 20.0 GHz and can provide attenuation up to 60 dB. Attenuation is flat over the entire band and remains flat regardless of attenuation setting. Control is single-ended TTL with up to 8 bits of resolution. Response time is typically under 650 nS.

Digitally Controlled Phase Shifters



We provide a line of digitally controlled RF phase shifters that operate over the band of 2.0 to 18.0 GHz, providing up to 360° of phase shift relative to insertion phase. Phase adjustment resolution can be as high as 6 bits. Phase shift speeds are on the order of 500 nS. Possible applications include phased arrays, solid-state frequency serrodyning, phase and vector modulators and amplifier feedback linearisers.

Switches



We offer a line of high performance, high speed and high isolation RF switches. These switches are available in multiple configurations from SPST all the way to SP8T, or even higher when specially ordered. Switching speeds are in the order of 50 nanoseconds. Faster switches are available. Isolation as high as 65 dB can be specified. These switches are available in all the popular bands from 1.0 to 18.0 GHz. These switches come in industry standard packages with custom packaging optional. GPO connectors are available with extra-compact housings for very dense packaging applications. Control is TTL logic.

Switch Matrices



All switch matrices are custom built to customer specifications. These matrices are used on variety of test platforms, simulator systems etc.