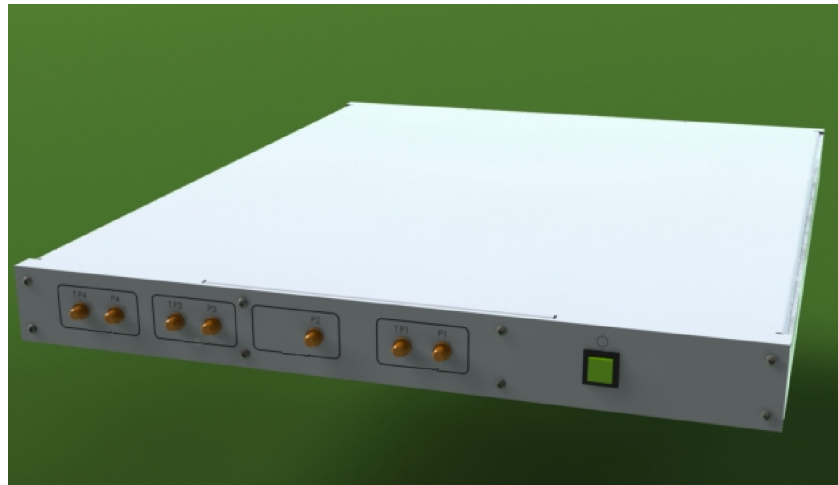


Integrated Switch



Renaissance's new 18A1NA1 switch matrix is designed for applications that require reverse low power signals to interfere with forward high power signals used for simulations of signal multipath and signal fading of wireless communications. The use of modified COTS components to enhance specific performance characteristics of the unit enables the user to test DUTs in multiple real life scenarios. RF paths can be attenuated in step intervals of 1.0 dB up to 120 dB remotely by a GPIB interface allowing for fine signal leveling. Various models are designed that break the frequency into specific bands for the components to provide high isolation and directivity along with best performance and reliability. These matrices are only 1U in height and are able to fit in either a standard 19" rack or on a bench top.