

RF Switch Matrices



Developed by the original team of RF experts responsible for the CATV industry's first remotely controlled RF agile monitoring system. Quantic Corry's line of RF Switch Matrices was designed for production testing, lab environments and general switching applications to direct the signals from antennas, signal generators, spectrum analyzers, network analyzers, power meters, modulators and into or out of test products.

Specifications

- **Mechanical Sizes:** 1U up to 10U
- **Matrix configurations:** Blocking, Non-Blocking and Super-Non-Blocking
- **Control:** USB, 10/100 Base-T, Front Panel Entry, SNMP Control and Monitoring
- **Speeds to 5 μ s with FPGA option**
- **Types:** Electro-Mechanical Relays or Semiconductor based
- **Frequency Range:** DC to 40GHz
- **Impedance:** 75 or 50 Ω
- **Power Supply:** AC or DC, Redundant & battery back-up Options
- **Isolation:** Up to 80dB
- **Insertion Loss:** Varies Depending on Matrix Type, Can Be Active with No Loss
- **Expandable in Blocks of 8 by 8 up to 64 by 64, single unit, Multiple Units to 256 by 256**

