



DS INSTRUMENTS

20GHZ MICROWAVE SWITCH

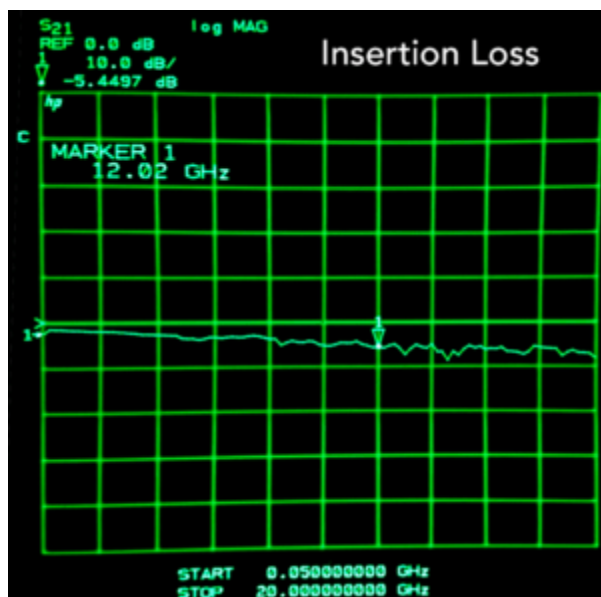
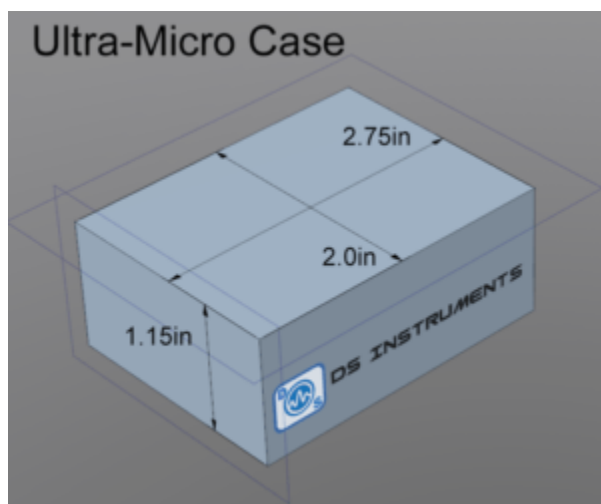


Description

DS Instrument's **SW204KU 4-Way** solid-state [RF switch](#) is both USB controlled via SCPI commands, and a front panel select button. Convenient micro-USB power and status LEDs for the user make this switch extremely flexible and simple to setup. This non-reflective ultra-wideband SP4T switch is perfect for X and Ku-band automated or remote test setups. Fast switching time and an affordable price point make this the best low-power switch on the market today. No special drivers are needed to send serial commands from any operating system or host device.

SW204KU SP4T Switch Specifications:

- Super-wideband 100MHz – 20GHz frequency range
- **Non-reflective** design
- 4 switched, 1 common premium gold SMA ports
- Max RF input power (through) : +26 dBm (0.4W)
- Max RF input power (terminated): +22 dBm
- Low insertion loss (5dB Typical, 8dB max)
- Solid-state reliability and speed
- Bi-directional
- Usable up to 22GHz with only 10dB insertion loss
- Ultra-fast switching time
- Superior isolation
- LED port status indication
- Impedance: 50 Ohm
- Micro-USB powered





Common Applications:

- Automated testing environments
- General RF Lab use
- Production verification
- Educational / university lab use
- Aerospace / Defense Research
- Communications Development / Testing

