



22GHZ LOW-LOSS DIGITAL ATTENUATOR



Description

Our new, cutting-edge **DAT60KUL** Digital Programmable Microwave Attenuator is a stand-alone, USB, and Ethernet controlled digital attenuator with 0.5dB steps, 0 to

60dB range, and ultra-low insertion loss. This high-frequency, wideband device features a bright OLED **display** and front user control buttons. Input frequency range is extremely wideband covering from 1GHz to [22GHz](#). No host PC is required to use this device. Automated scripted control is simple, requiring no extra drivers, just a system-standard virtual COM port connection and SCPI based text commands.

Programmable DAT60KUL Digital Attenuator Specs:

- Insertion loss: **< 10dB typical**
- Attenuation: 0-60dB
- Step Size: 0.5dB
- Frequency: 1GHz – 22GHz
- Max input power: +26.0dBm
- Return Loss: > 10dB
- Dimensions: 2.75" x 1.25" x 2.15"

DAT60KUL Features:

- SCPI command support via USB COM port
- Front buttons and convenient **OLED display**
- Audio feedback
- Power: 5v standard Micro-USB
- PC control software included
- [Ethernet Included as standard!](#)
- Ultra-precision 26GHz impedance-matched microwave SMA RF connectors

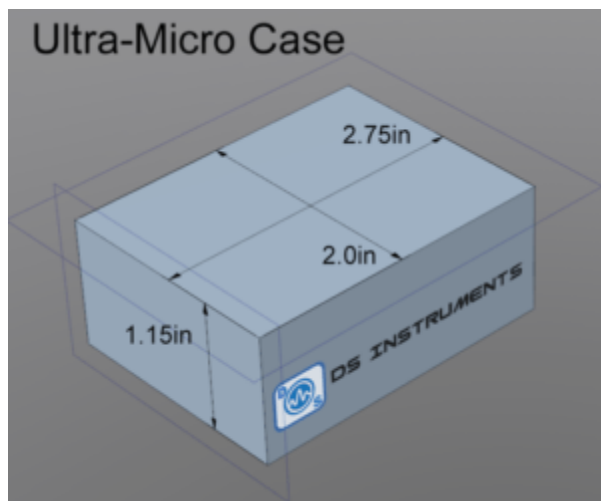
Common RF Applications:

- Automated testing environments
- General RF Lab use
- Control Systems
- Cellular equipment testing
- Production verification
- Educational / university lab use
- Aerospace / Defense Research
- Radar
- Phased array applications

RF Attenuator PC Control Application:



Physical Dimensions:



DAT60KUL Programmable Attenuator Performance:

