



13GHZ DIGITAL STEP ATTENUATOR



Description

Great for X-band and radar applications!

The DS Instruments **DAT64H Digital Programmable Step Attenuator** is a compact ultra wide-band device covering 100MHz to **13GHz**. This device is both stand-alone and USB-controlled with 0.5dB steps and a range of 0 to 63dB. This premium version features a bright OLED display and front user control buttons. Extremely user-friendly ATE setup using serial commands and driverless virtual COM port.

Programmable Attenuator Specs:

- Frequency: **100MHz – 13GHz**
- Max input power: **+22.0dBm**
- Dimensions: **2.75" x 1.25" x 2"**
- Attenuation Range: **0 – 63dB**
- Step Size: **0.5dB**
- Typical Insertion Loss: **<10dB**
- Typical Return Loss: **>12dB**

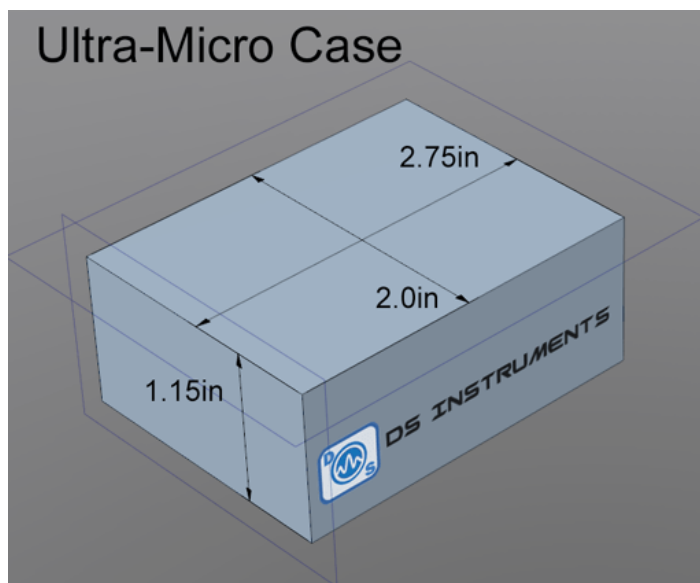
DAT64H Features:

- SCPI command support via USB COM port
- Front buttons and convenient graphical OLED display
- Power: 5v standard micro USB cable
- Premium microwave-rated SMA RF connectors
- Very low power requirements
- Laser-etched solid aluminum enclosure
- Audio feedback

Common RF Applications:

- Automated testing environments
- General RF lab use
- Control systems
- Cellular equipment testing
- Production verification
- Educational / university lab use
- Aerospace / defense research
- X-Band radar and satellite links
- Electronic warfare

Programmable Attenuator (DAT64H) Images:



DAT Frequency Response / Insertion Loss:

