



DS INSTRUMENTS

6GHZ FINESTEP ATTENUATOR 64DB



Description

The DS Instruments **DAT64F** [Digital Programmable Attenuator](#) is a compact stand-alone **and** USB-controlled RF Step Attenuator with **0.25dB** steps and a range of 0 to 63dB. This premium version features a bright OLED **display** and front user control buttons. Input frequency ranges from 100MHz to 6GHz. No host PC is required to use this device. Automated scripted control is extremely easy requiring no extra drivers, just a simple virtual COM port connection and SCPI based text commands.

Fine-Step Digital Attenuator Specs:

- Frequency: **100MHz – 6GHz**
- Attenuation: **0-63dB**

- Step Size: **0.25dB**
- Max input power: +25.0dBm
- Insertion loss (6Ghz): < **7dB**
- Dimensions: 2.75" x 1.25" x 2.15"
- Return loss: > 12dB

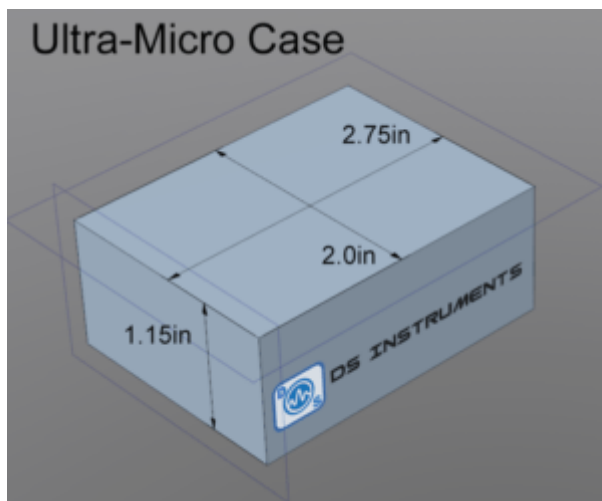
DAT64F Features:

- SCPI command support via USB COM port
- Front buttons and display for stand-alone use
- Standard micro USB powered
- Premium Gold SMA RF connectors
- Tiny, rugged, and cost-saving!
- Extremely low insertion loss

Common RF Applications:

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

Attenuator Images:





Insertion Loss:

