



12GHZ PHASE SHIFTER



Description

The **PS12000** wideband RF Phase Shifter from DS Instruments provides handheld stand-alone and remote-controlled phase shifting from 0 to 355 degrees in **5.6-degree** increments. This ultra-compact USB device features a graphic display and

audio feedback. Simple to use and integrate into automated test environments, the PS12000 is extremely attractive for many radar and X-band applications.

New product for 2018!

Device Specifications:

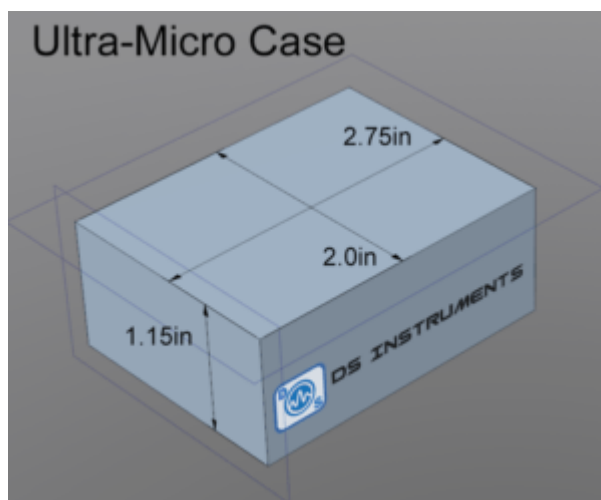
- Frequency Range: **8000 – 12000** MHz
- Angle Range: **0 – 355** degrees
- Power Input Range: **< +26dBm**
- Phase Resolution: **5.625** degrees
- Insertion Loss: **7-8dB**
- Return Loss: **> 10dB**
- Bi-directional design

PS12000 Digital Phase Shifter Features:

- Ultra compact powder-coated aluminum case
- Audio feedback
- Simple automated remote control interface
- Micro-USB powered
- Free PC control application
- Micro-USB powered and controlled
- Front control buttons and OLED display
- Premium gold SMA ports
- High reliability

Typical RF Applications:

- Antenna systems
- Beam forming research
- Radar applications
- Phased-array technology
- RF signal cancellation
- Electronic warfare and defense
- Satcom



Windows Phase Shift Control Application:

