



6GHZ PHASE SHIFTER



Description

The **PS6000P** 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 PS6000P is extremely attractive for many wideband applications.

New product for 2018, Ethernet option available!

PS6000P Specifications:

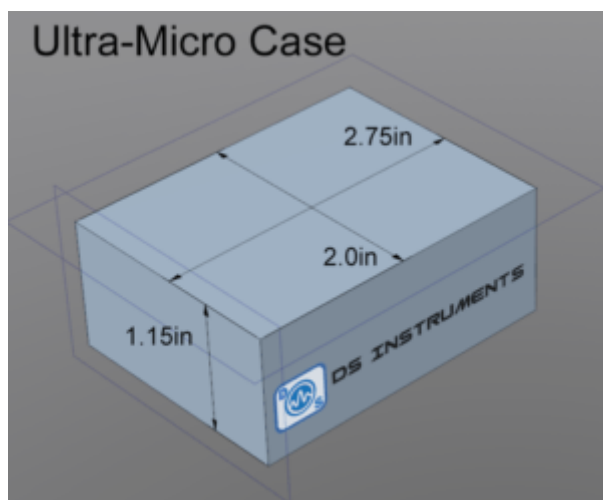
- Frequency Range: **3500 – 6000** MHz
- Angle Range: **0 – 355** degrees
- Power Input Range: **< +25dBm**
- Phase Resolution: **5.625** degrees
- Insertion Loss: **5-6dB**
- Return Loss: **> 12dB** typical
- Bi-directional design
- No minimum input power level

PS6000P 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
- MIMO development
- Advanced LTE and WIFI
- Phased-array technology
- RF signal cancellation
- Electronic warfare and defense



Windows Phase Shift Control Application:

