



DS INSTRUMENTS

## 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:

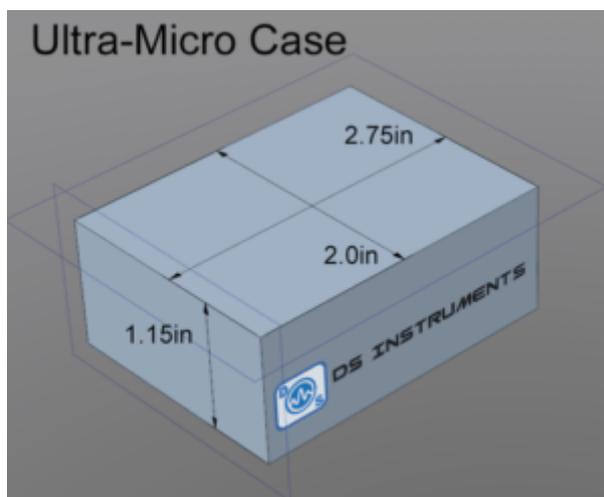
- Frequency Range: **3500 – 6000** MHz
- Angle Range: **0 – 355** degrees
- Power Input Range: **< +25dBm**
- Phase Resolution: **5.625** degrees
- Insertion Loss: **5-6dB**
- Return Loss: **> 12dB** typical
- Bi-directional design
- No minimum input power level

#### 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:

