



## 2.2-3.8GHZ PHASE SHIFTER



### Description

The **PS3800** 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 PS3800 is extremely attractive for many automated project setups and test situations.

*New product for 2018!*

#### Device Specifications:

- Frequency Range: **2200 – 3800 MHz**
- Angle Range: **0 – 355 degrees**
- Max Power Input: **< +26dBm**
- Phase Resolution: **5.625 degrees**
- Insertion Loss: **~5dB typical**
- Return Loss: **> 10dB**
- Bi-directional design

#### PS3800 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
- Phased-array technology
- RF signal cancellation
- Electronic warfare and defense



