



DS INSTRUMENTS

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



