

## Model 981 Coaxial Phase Shifter 3.5mm Connectors

dc to 18.0 GHz  
50 Watts



### Specifications

**NOMINAL IMPEDANCE:** 50  $\Omega$   
**FREQUENCY RANGE:** dc to 18.0 GHz  
**INCREMENTAL PHASE SHIFT (Typical):** 60° /GHz  
**INSERTION PHASE:** 1350° @ 9.0 GHz (typical)  
**INSERTION LOSS (dB):** 0.5 + 0.035 f(GHz)

#### MAXIMUM SWR:

Frequency Range (GHz)	SWR
dc - 10	1.6
10 - 18	1.8

### Features

- /// **Broadband Frequency Coverage:** Operates from dc to 18 GHz, usable to 20 GHz
- /// **Ideally suited for delay line applications in optical and RF Networks.**
- /// **Easily adapts to motorized control configurations.**
- /// **Designed for long mechanical cycle life.**

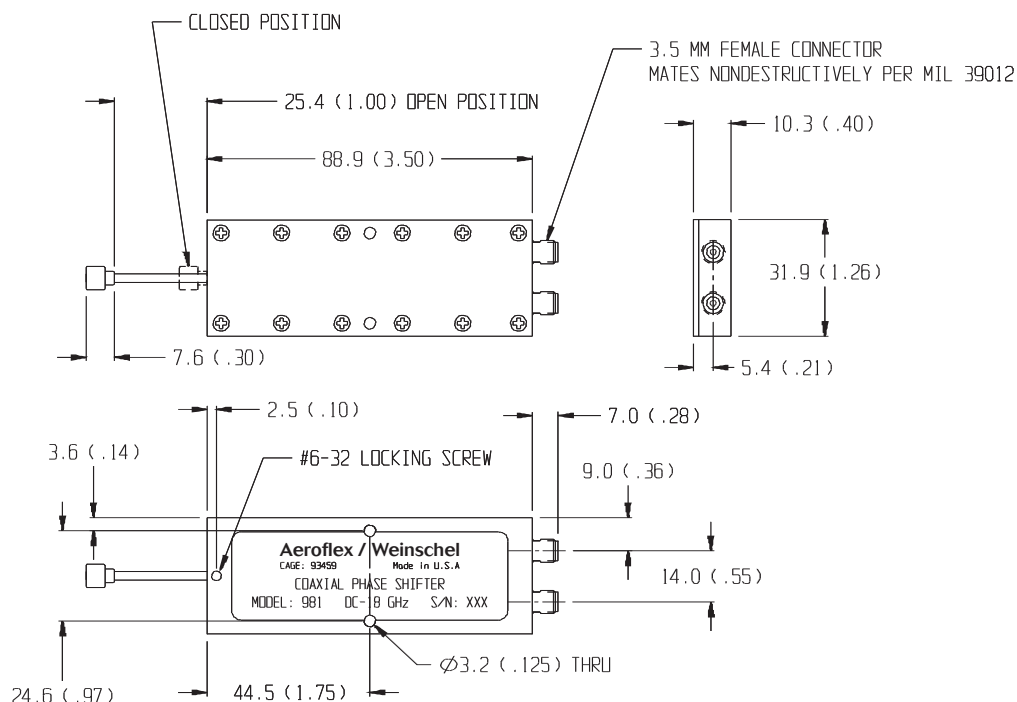
**POWER RATING:** 50 watts average, 1 kW peak

**TEMPERATURE RANGE:** -50°C to 100°C.

**CONNECTOR:** 3.5mm female connectors compatible with 3.5mm, SMA, SMK and other 2.92mm connectors.

**WEIGHT:** 80 g (2.84 oz)

### PHYSICAL DIMENSIONS:



NOTE: All dimensions are given in mm (inches) and are maximum unless otherwise specified.