

Mechanical Phase Shifters

Model 981 Coaxial Phase Shifter

dc to 18.0 GHz 50 Watts **▼ RoHS**



Features

- Broadband Frequency Coverage: Operates from do 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.

Specifications

NOMINAL IMPEDANCE: 50 Ω

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)

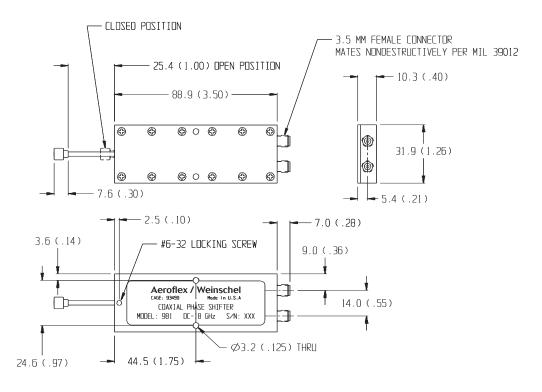
MAXIMUM SWR:	
Frequency Range (GHz)	SWR
dc - 10	1.6
10 - 18	1.8

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.