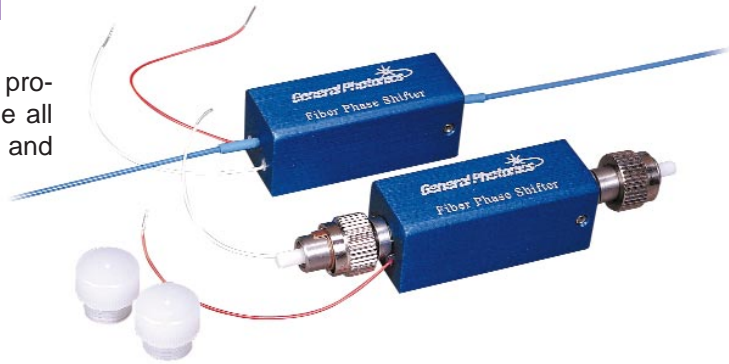


Fiber Phase Shifter — FPS – 001

General Photonics' all fiber phase shifter/modulator provides phase shifts up to 15π from DC to 20 kHz. The all fiber construction practically eliminates insertion loss and back reflection. This compact device is ideal for fiber laser systems, fiber resonators, and fiber interferometers for precision phase tuning or phase modulation.



Specifications:

Insertion Loss	< 0.1 dB
Return Loss	> 65 dB
Total Phase Shifter (0 ~ 20 kHz)	$8 \pi \sim 15 \pi$
Half-wave Voltage (0 ~ 20 kHz)	10 volts ~ 20 volts
Operating Wavelength	970 ~ 1650 nm
PDL	< 0.05 dB
Residual Amplitude Modulation	± 0.01 dB
Operating Temperature	0 ~ 50 °C
Storage Temperature	-40 ~ 85 °C
Max. Applied Voltage	150 volts
Dimensions	0.55" x 0.55" x 1.38" (w/ pigtail) 0.55" x 0.55" x 2.90" (NoTail™)

(Values are referenced without connectors)

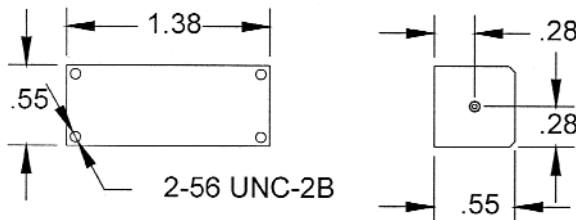
Features:

- Compact size
- Low insertion loss
- Low residual amplitude modulation
- Low PDL
- Low cost
- NoTail™ model available

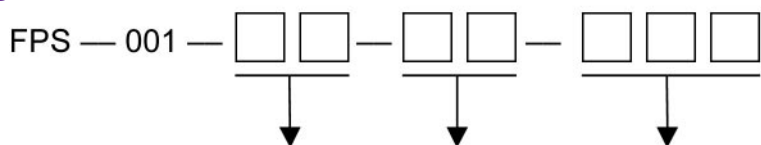
Applications:

- Fiber interferometers
- Fiber laser systems
- Fiber sensor systems

Dimensions: (Inch)



Ordering Information:



01 = 1260 ~ 1650 nm 90 = 900 μ m jacket
02 = 970 ~ 1260 nm NT = NoTail™

Connector type:
FC/PC, FC/APC
SC/PC, SC/APC or
NC = no connectors
Others specify