

Fiber Phase Shifter

FPS-001

General Photonics' all fiber phase shifter/modulator provides phase shifts up to 15π at frequencies 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>3 mm
Return Loss	>65 dB
Total Phase Shift (0 to 20 kHz)	> 8π
Half Wave voltage (0 to 20 kHz)	<20V
Operating Wavelength ¹	1260 to 1650nm or 980 to 1310nm standard
PDL	<0.05 dB
Residual Amplitude Modulation	± 0.01 dB
Maximum Applied Voltage	150V
Operation Temperature	0 to 50° C
Storage temperature	-40° to 80° C
Dimensions	Pigtailed: 1.38" (L) x 0.55" (W) x 0.55" (H) NoTail™: 2.90" (L) x 0.55" (W) x 0.55" (H)

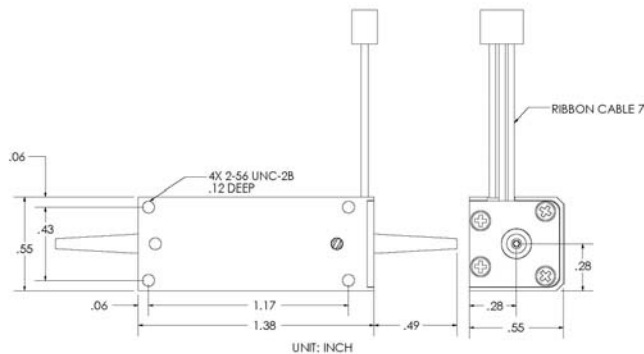
Note: Values are referenced without connectors.
1. Other wavelengths and fiber types available by request.

Applications:

- Fiber interferometers
- Fiber laser systems
- Fiber sensor systems

Features:

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



Ordering Information:

FPS - 001 - XX - XX - XX - XXX

Wavelength:
01 = 1260-1650nm
02 = 980-1310nm

Fiber Type:
SS = SM fiber

Pigtail:
90 = 900 μ m jacket
NT = NoTail

Connector Type:
FC/PC, FC/APC
SC/PC, SC/APC
Others specify



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