



# 532 nm Polarization Insensitive Isolator (GK-PSSI Series)

## ● Description

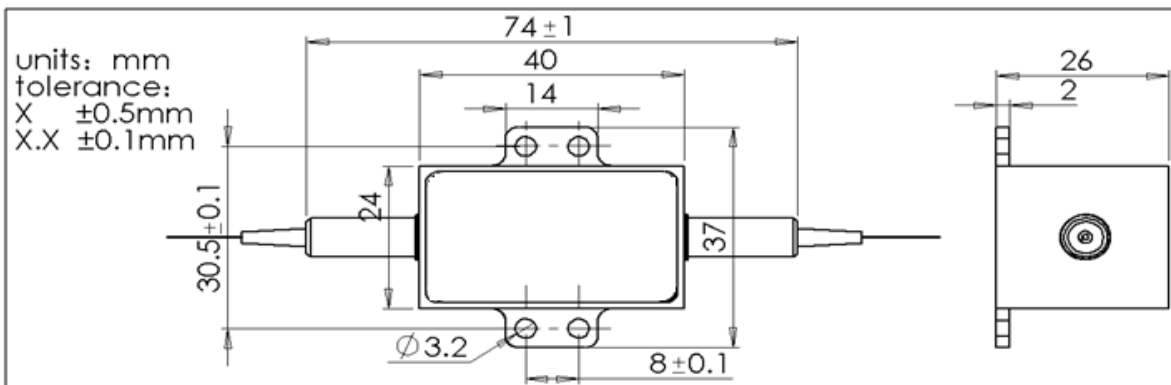
The 532 nm Polarization Insensitive Isolator is characterized with low insertion loss, high isolation, high return loss, excellent environmental stability and reliability. It is ideal for fiber laser and instrumentation applications.

## ● Specifications

Parameter	Unit	Value
Operating Wavelength ( $\lambda_c$ )	nm	532
Typ. Peak Isolation	dB	30
Min. Isolation, $\lambda_c$ , 23 °C, all polarization states	dB	25
Typ. Insertion Loss, $\lambda_c$ , 23 °C, all polarization states	dB	1.8
Max. Insertion Loss, $\lambda_c$ , 23 °C, all polarization states	dB	2
Max. Polarization Dependent Loss, 23 °C	dB	0.2
Min. Return Loss (Input/Output)	dB	50/50
Max. Average Optical Power	mW	100
Max. Tensile Load	N	5
Fiber Type	-	Nufern 460-HP Fiber
Operating Temperature	°C	+ 10 to + 50
Storage Temperature	°C	- 40 to + 85

<sup>1</sup>IL is 1.5 dB higher, RL is 5 dB lower for each connector added.

## ● Package Dimensions



## ● Ordering Information

GK-PSSI-①-②-③-④

### ①: Wavelength

532 - 532 nm

SSS - Specify

### ②: Connector Type

1 - FC/UPC 4 - SC/UPC

2 - FC/APC N - None

3 - SC/APC S - Specify

### ③: Fiber Jacket

B - Bare Fiber

L - 900μm Loose Tube

S - Specify

### ④: Fiber Length

1 - 1.0 m

S - Specify