

532 nm Polarization Insensitive Isolator (PSSI Series)

Rev 11

Description

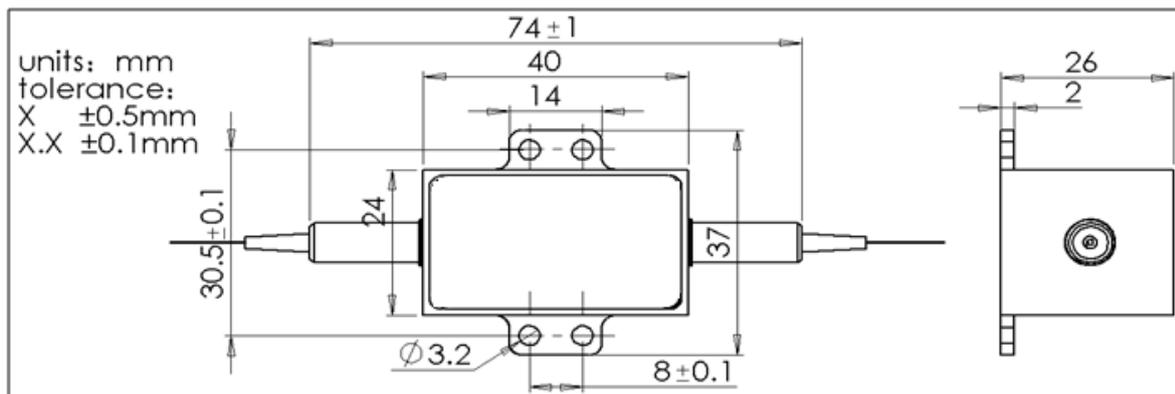
The 532 nm Polarization Insensitive Isolator is characterized with low insertion loss, high isolation, high return loss, excellent environmental stability and reliability. It is ideal for fiber laser and instrumentation applications.

Specifications

Parameter	Unit	Value
Operating Wavelength (λ_c)	nm	532
Typ. Peak Isolation	dB	30
Min. Isolation, λ_c , 23°C, all polarization states	dB	25
Typ. Insertion Loss, λ_c , 23°C, all polarization states	dB	1.8
Max. Insertion Loss, λ_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

¹IL is 1.5 dB higher, RL is 5 dB lower for each connector added.

Package Dimensions



Ordering Information

PSSI-①①①-②-③-④

: Wavelength

②: Connector Type

③: Fiber Jacket

④: Fiber Length

532 - 532 nm

1 - FC/UPC 4 - SC/UPC

B - Bare Fiber

1 - 1.0 m

SSS - Specify

2 - FC/APC N - None

L - 900 μ m Loose Tube

S - Specify

3 - SC/APC S - Specify

S - Specify