



850nm High Power Polarization Insensitive Isolator

Features

- Low Insertion Loss
- High Isolation
- High Power Handling
- High Return Loss

Applications

- Fiber Laser
- Instrumentation
- Fiber Amplifier
- Lab Research

Specifications

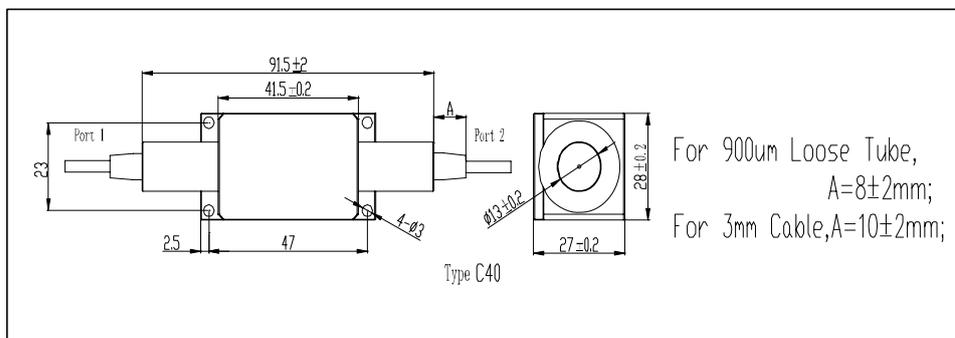
Parameters	Unit	Values
Center Wavelength (λ_c)	nm	850
Operating Wavelength Range	nm	± 10
Max. PDL at 23°C	dB	0.1
Typ. Peak Isolation	dB	32-40
Min. Isolation at 23°C	dB	25
Typ. Insertion Loss at 23°C	dB	0.6
Max. Insertion Loss at 23°C	dB	1.0
Min. Return Loss (input/output)	dB	50/50
Max. Optical Power (CW)	W	0.3 , 0.5 or specify
Max. Tensile Load	N	5
Fiber Type		HI 780 Fiber
Operating Temperature	°C	-5 to +50
Storage Temperature	°C	-20 to +75

*Above specifications are for device without connector

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

*The actual package dimensions may be slightly different from that shown in below drawing, for accurate dimensions please contact Optizone.

Package Dimensions



Ordering Information

HPII-①①-②-③-④④-⑤⑤-⑥⑥

①①: Wavelength

- 85 - 850nm
- SS - Specify

②: Package Type

- C40 - Type C40

③: Handling Power

- 0.3 - 300mW
- 0.5 - 500mW

④④: Connector Type on Port 1 & 2

- 1 - FC/UPC
- 2 - FC/APC
- 3 - SC/UPC
- 4 - SC/APC
- N - None
- S - Specify

⑤⑤: Fiber Jacket on Port 1 & 2

- B - 250um Bare Fiber
- L - 900um Loose Tube
- C - 3mm Loose Cable
- S - Specify

⑥⑥: Fiber Length

- 1 - 1.0m
- S - Specify