850nm High Power Polarization Maintaining Isolator

Features

Low Insertion Loss
High Isolation
High Power Handling
High Return Loss
High Extinction Ratio

Applications

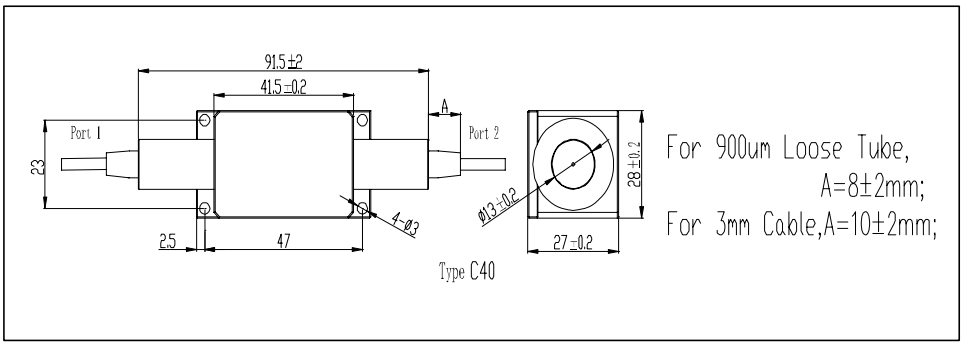
Fiber Laser
Instrumentation
Fiber Amplifier
Lab Research

Specifications

Parameters	Unit	Values
Center Wavelength (λc)	nm	850
Operating Wavelength Range	nm	±10
Min. Extinction Ratio (only for B Type)	dB	20
Min. Extinction Ratio (only for F Type)	dB	22
Typ. Peak Isolation	dB	32-40
Min. Isolation at 23℃	dB	25
Typ. Insertion Loss at 23℃	dB	0.6
Max. Insertion Loss at 23℃	dB	1.0
Min. Return Loss (input/output)	dB	50/50
Max. Optical Power (CW)	mW	300or specify
Max. Tensile Load	N	5
Fiber Type		PM Panda Fiber
Operating Temperature	℃	-5 to +50
Storage Temperature	℃	-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 and ER will be 2dB lower.
*The PM fiber and connector key are aligned to the slow axis.
*The actual package dimensions may be slightly different from that shown in below drawing, for accurate dimensions please contact Optizone.

Package Dimensions



Ordering Information

HPMI-①①-②-③③-④④-⑤

①①: Wavelength
85 - 850nm
SS - Specify

②: Package Type
C40 - Type C40

④: Axis Alignment
F - Fast Axis Blocked
B - Both Axis Working

③③: Connector Type on Port 1 & 2
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

④④: Fiber Jacket on Port 1 & 2
B - 250um Bare Fiber
L - 900um Loose Tube
C - 3mm Loose Cable
S - Specify

⑤: Fiber Length
1 - 1.0m
S - Specify