980nm High Power Polarization Maintaining Isolator

Features

Low Insertion Loss
High Isolation
High Power Handling
High Return Loss

Applications

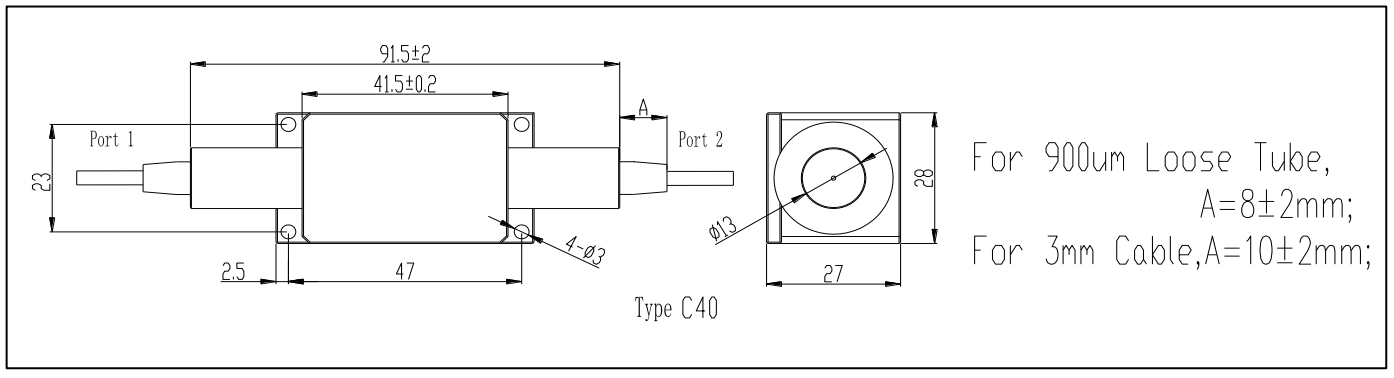
Fiber Laser
Instrumentation
Fiber Amplifier
Lab Research

Specifications

Parameters	Unit	Values
Center Wavelength (λc)	nm	980
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)	W	1 , 2 or Specify
Max. Tensile Load	N	5
Fiber Type		PM 980 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.
*If the handling power is more than 1W, the connectors are not suggested.
*The actual package dimensions may be slightly different from that shown in below drawing, for accurate dimensions please contact Aistana.

Package Dimensions



Ordering Information

HPMI-①①-②-③③-④④-⑤⑤-⑥⑥-⑦⑦

①①: Wavelength
98 - 980nm
SS - Specify

②: Package Type
C40 - Type C40

③③: Handling Power
01 - 1W
S - Specify

④④: Axis Alignment
F - Fast Axis Blocked
B - Both Axis Working

⑤⑤: Connector Type on Port 1 & 2
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

⑥⑥: Fiber Type on Port 1 & 2
L - 900um Loose Tube
C - 3mm Loose Cable
S - Specify

⑦⑦: Fiber Length
1 - 1.0m
S - Specify