

High Power Isolator (980nm, 1030nm, 1064nm)

1. Features:

- Low insertion loss;
- High return loss;
- High isolation;
- High extinction ratio;
- High reliability & stability.

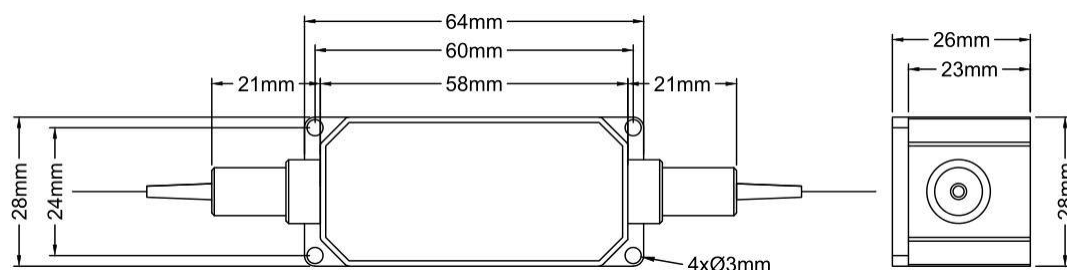
2. Applications:

- Polarization maintaining fiber amplifier;
- Testing instrument;
- Mopa fiber laser;
- Fiber laser.

3. Specifications:

Parameters	Unit	Value
Center wavelength	nm	980 or 1030 or 1064
Operating wavelength range	nm	±5
Typ. Peak isolation at 23℃	dB	30
Min. Isolation at 23℃	dB	25
Typ. Insertion loss at 23℃	dB	0.8
Max.Insertion loss at 23℃	dB	1.0
Max. Polarization dependent loss at 23℃, only for PI	dB	0.2
Min. Extinction ratio at 23℃, only for PM	dB	20
Min. Return loss(Input /Output)	dB	45
Max. Average optical power	W	10
Max. Peak power for ns pulse	kW	10
Max. Tensile load	N	5
Package dimension	mm	58x28x26
Operating temperature	℃	-40~+85
Storage temperature	℃	0~+60

4. Package Dimensions:



5. Ordering Information:

Part No.	Explain	Option
XXXXXX	Device type	HPIS/HPMIS
-XXXX	-Center wavelength:	980: 980nm, 1030: 1030nm, 1064: 1064nm
-X	-Axis alignment for PM:	F: Slow axis working, Fast axis blocked, B: Both of axis working, N: No axis
X	Fiber type:	0: Hi1060 fiber, 1: PM Panda fiber, S: Specified
X	Pigtail type:	0: 250µm bare fiber, 1: 900µm loose tube
X	Fiber length:	0: 0.8m, 1: 1m
X	Package dimension:	0: 58x28x26mm, S: Specified
-XX	-Handling power:	00: 500mW, 01: 1W, 02: 2W,, 05: 5W, 10: 10W