

850nm High Power Isolator

1. Features:

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

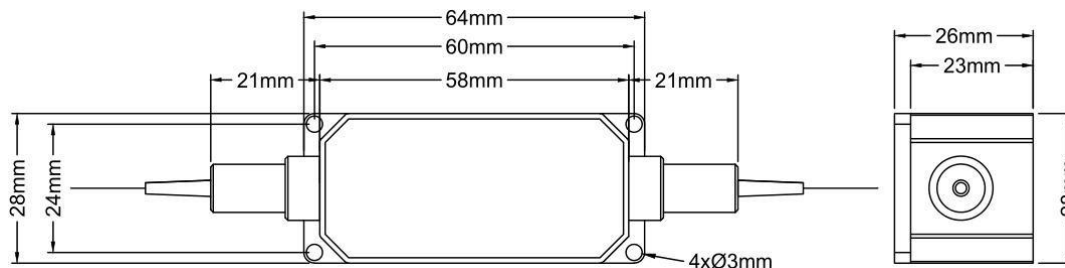
2. Applications:

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

3. Specifications:

Parameters	Unit	Value
Center wavelength	nm	850
Operating wavelength range	nm	±50
Typ. Peak isolation at 23°C	dB	35
Min. Isolation at 23°C	dB	25
Typ. Insertion loss at 23°C	dB	0.8
Max.Insertion loss at 23°C	dB	1.2
Max. Polarization dependent loss at 23°C, only for PI	dB	0.15
Min. Return loss(Input /Output)	dB	45
Max. Average optical power	W	0.5,1,2,5,10
Max. Peak power for ns pulse	kW	1,5,10
Max. Tensile load	N	5
Fiber type	-	780HP
Package dimension	mm	58x28x26
Operating temperature	°C	-40~+85
Storage temperature	°C	0~+70

4. Package Dimensions:



5. Ordering Information:

Part No.	Explain	Option
XXXXX	Device type	HPIS/HPMIS
-XXXX	-Center wavelength:	850: 850nm, 980: 980nm,1030: 1030nm, 1064: 1064nm
X	Fiber type:	0: SM fiber, 1: PM Panda fiber, S: Specified
X	Pigtail type:	0: 250µm bare fiber, 1: 900µm loose tube, , 3: 3.0mm 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