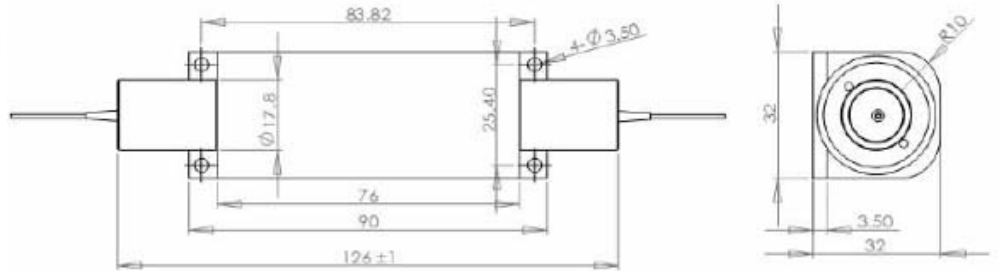




1064nm High Power Polarization Maintaining Isolator

The High Power Isolator series products include high power isolator and high power collimator. The high power isolator series includes in-line type, beam expanded isolator, fiber in and free space out isolator and free space isolator etc. 1064nm High Power Polarization Maintaining Isolator is one of the in-line type. they're characterized with low insertion loss, high isolation, high power handling, high return loss, excellent environmental stability and reliability. They are ideal for fiber laser and instrumentation applications.



Features

- ◆ High isolation
- ◆ Low insertion loss
- ◆ Excellent environmental stability and reliability

Applications

- ◆ Fiber Laser
- ◆ Free space communications
- ◆ Research
- ◆ PM components

Performance Specifications

Parameters	Values
Central Wavelength(nm)	1064
Operating Wavelength Range(nm)	±10
Typ. Peak Isolation(dB)	35
Min. Isolation in Band (at 23°C) (dB)	30
Min. Extinction Ratio(dB)	20
Typ. Insertion Loss (dB)	0.80
Max. Insertion Loss (at 23°C) (dB)	1.00
Min. Return Loss(dB)	50
Max. Optical Power (CW)(W)	1, 5,10, 20, or Specify
Fiber Type	PM 980 fiber or Specify
Tensile Load(N)	5
Operation Temperature(°C)	0 ~ +50
Storage Temperature Range(°C)	-20 ~ +75

*Specifications may change without notice.

*For pulse applications, pls discuss with DK Photonics.

Order information

HPPMI-①①-②②-③③-④④-⑤⑤-⑥⑥-⑦⑦

①①	②②	③③	④④	⑤⑤	⑥⑥	⑦⑦
wavelength	Optical Power	Package Dimensions	Fiber Jacket on Input & Output	Connector Type on in &out	Fiber Length	Axis Alignment
64:1064nm XX:Other	05:5W 10:10W 20:20W XX:Other	C:Circle Type Q:Quadrate Type	09:900um Loose Fiber 3L:3mm Loose Cable 3A:3mm Armoured Cable XXX: Others	00:None XX:Others	10:1m XX:Other	F: Fast Axis Blocked B: Both Axis Working