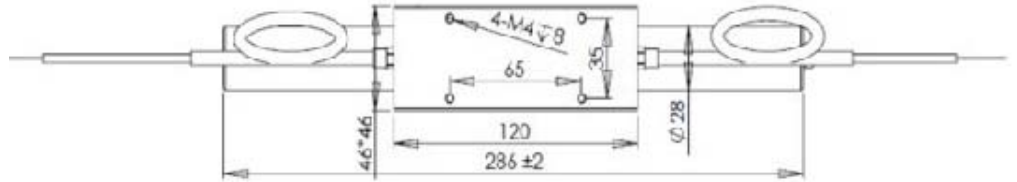




1064nm High Power Polarization Independent Isolator– up to 100W

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 Independent 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
- ◆ Water-cooling
- ◆ Excellent environmental stability and reliability

Applications

- ◆ Fiber Laser

Performance Specifications

Parameters	Values
Central Wavelength(nm)	1064/1080
Operating Wavelength Range(nm)	±10
Typ. Peak Isolation(dB)	35
Min. Isolation in Band (at 25°C) (dB)	25
Typ. Insertion Loss (dB)	0.80
Max. Insertion Loss (at 25°C) (dB)	1.20
Max. Polarization Dependent Loss (dB)	0.2
Min. Return Loss(dB)	50
Max. Peak Plwer(kW)	100,200
Optical Power (CW)(W)	50,100,150
Fiber Type	20/400 DC Fiber or Specify
Tensile Load(N)	5
Operation Temperature(°C)	0 ~ +50
Storage Temperature Range(°C)	-20 ~ +75

* Above specification are for device without connector, and may change without notice.

Order information

HPPII-①①-②②②-③-④④-⑤⑤-⑥⑥

①①	②②②	③	④④	⑤⑤	⑥⑥
wavelength	Optical Power	Package Dimensions	Fiber Jacket on Input & Output	Connector Type on in &out	Fiber Length
64:1064nm 80:1080nm XX:Other	100:100W 150:150W 200:200W XX:Other	C:Circle Type Q:Quadrate Type	09:900um Loose Fiber 3L:3mm Loose Cable 3A:3mm Armoured Cable XX: Others	00:None XX:Others	10:1m XX:Other