

1040~1080nm High Power In-line Isolator**Features**

Low insertion loss
High extinction ratio
High stability & Reliability

Applications

Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

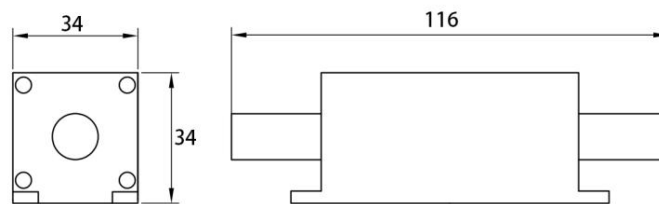
Parameter	High power in-line isolator, HPMIIT	Unit
	PM isolator	
Operating wavelength	1040 , 1064 , 1080 or customized	nm
Bandwidth	±5	nm
Typical peak isolation	≥35	dB
Isolation in band at 23°C	≥28	dB
Insertion loss at 23°C	≤1.2	dB
Polarization dependent loss	/	dB
Extinction ratio	≥18 (Type B) , ≥20 (Type F)	dB
Return loss	≥45	dB
Fiber type (can be customized)	Panda PM fiber	-
Input max. power handling	10 (continue) 、 10k (pulsed)	W
Dimensions (L x W x H)	116 x 34 x 34	mm
Operating temperature	-5 ~ +50	°C
Storage temperature	-20 ~ +70	°C

* Type B: Both axis working, Type F: Fast axis blocked.

* Backward power<10% input power

*The Above specifications are without connector, the connector handle power ≤0.3W

*IL is 0.50dB higher, RL is 5dB lower and ER is 3dB lower for each connector added. The default connector key is aligned to slow

Mechanical Dimension**Ordering Information**

specification	GCHPMIIT
Fiber length	specify
Package size	116 x 34 x 34
Average power handling	300mW, 10W etc
Power condition	C=Continue Wave, P(10)=Pulse Peak Power(10KW),etc.
Fiber type	specify
Pigtail diameter	0=bare fiber, 1=900μm
Operating wavelength	1064nm etc
Working Axis	Just for PM type, F or B, F: fast axis blocked; B: Both axis working