

900~1030nm High Power In-line Isolator

Features

Low insertion loss
High stability & Reliability

Applications

Fiber Amplifier
Fiber sensor
Fiber Laser Marking

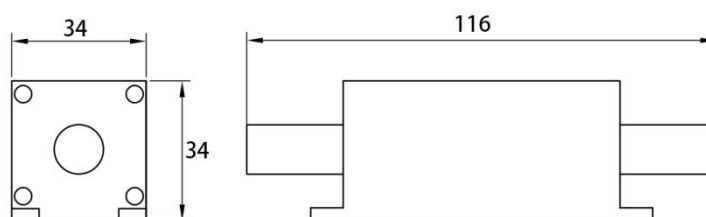
Parameter	High power in-line isolator, HPIIT		Unit
	Non-PM isolator		
Operating wavelength	980 、 1030 or customized		nm
Bandwidth	±5		nm
Typical peak isolation	≥30		dB
Isolation in band at 23°C	≥25		dB
Insertion loss at 23°C	≤1.2		dB
Polarization dependent loss	≤0.2		dB
Extinction ratio	/		dB
Return loss	≥45		dB
Fiber type (can be customized)	HI1060		-
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 connectors. 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, the connector handle power ≤0.3W

Mechanical Dimension



Ordering Information

specification	GCHPIIT
Fiber length	Specify
Package size	116 x 34 x 34
Connector type	FC/APC, FC/APC etc
Average power handling	300mW, 10W etc
power condition	P: C=Continue Wave, P(10)=Pulse Peak Power(10KW),etc
Fiber type	Hi780C, SM800, SM85-PS-U25D, etc
Pigtail diameter	0=bare fiber, 1=900μm
Operating wavelength	980nm etc