

## 120W High Power In-line Isolator, HP(M)I

### Features

Low insertion loss  
High extinction ratio  
High stability & Reliability

### Applications

Fiber Amplifier  
Fiber sensor  
Fiber Laser Marking  
Laboratory R&D

### Non-PM isolator

Parameter		High power in-line isolator	Unit
		Non-PM isolator	
Operating wavelength		1064±5	nm
Isolation in band at 23°C		≥28	dB
Insertion loss at 23°C		≤1.2	dB
Polarization dependent loss		≤0.15	dB
Extinction ratio		/	dB
Return loss		≥50	dB
Fiber type (can be customized)		x/130, x/250, etc.(x=10um, 15um, 20um,30um,etc.)	-
Input max. power handling	Average	50, 100, 120, higher on demand	W
	Pulse peak	50, higher on demand	KW
Operating temperature		-5 ~ +50	°C
Storage temperatur		-20 ~ +70	°C
Dimensions (LxWxH)		180x39x39 or 200x39x39	mm

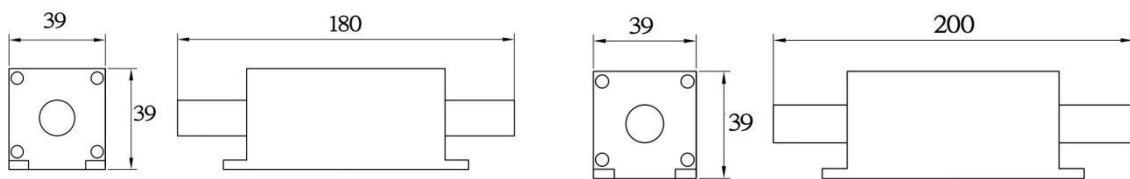
\* Double cladding fiber (DCF) is safer.

\* Backward power<10% input power

\* Dimension can be made on customer request

\* Insertion loss of light through fiber cladding is not included in the Insertion loss specification.

### Mechanical Dimension



### Ordering Information

specification	GCHPI
Fiber length	specify
Package size	200x39x39mm or 180x39x39
Average power handling	50W, 100W, 120W etc
Power condition	C=Continue wave, P(10)=Pulse peak power(10KW),etc
Fiber code	specify
Pigtail diameter	0=bare fiber
Operating wavelength	1064nm etc