

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

PM isolator

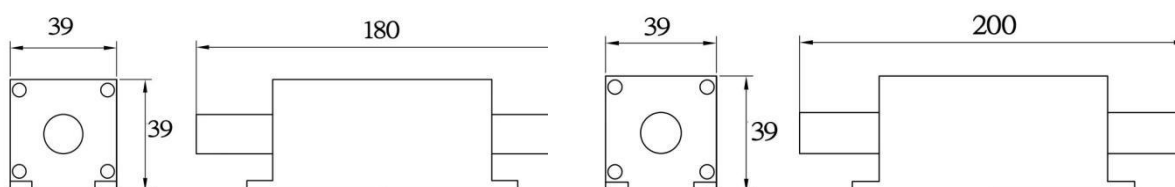
Parameter		High power in-line isolator, HPMIIT	Unit
		PM isolator	
Operating wavelength		1064±5	nm
Isolation in band at 23℃		≥28	dB
Insertion loss at 23℃		≤1.2	dB
Polarization dependent loss		/	dB
Extinction ratio		≥20dB（PM980,SM98-PS-U25） ≥18dB（PM10/125 SCF）； ≥16dB（PM10/125 DCF）； ≥14dB（PM20/125;PM25/250;PM30/250）	dB
Return loss		≥50	dB
Fiber type (can be customized)		PM 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	℃
Storage temperature		-20 ~ +70	℃
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	GCHPMI
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