

High Power In-line Isolator

Features

High isolation and low insertion loss
Excellent environmental stability and reliability
Fiber can be customized

Applications

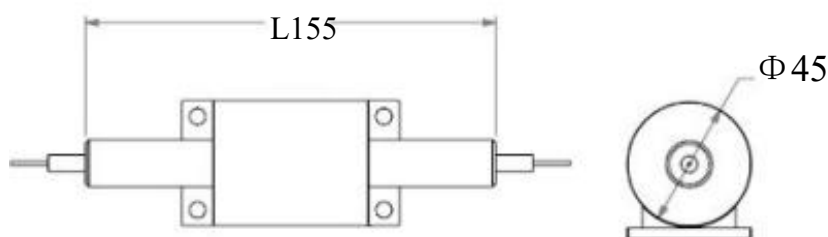
Fiber Laser
Fiber Sensor

Parameter	Specification	Unit
	Non-PM Isolator	
Operating wavelength	1064±5; 1030±5	nm
Peak isolation	35	dB
Isolation in band at 23°C	≥28	dB
Insertion loss at 23°C	≤1.5	dB
Polarization dependent loss	≤0.2	dB
Extinction ratio	/	dB
Return loss	≥50	dB
Fiber type (can be customized)*	10/125,15/130,20/125,20/250, 25/250,30/250,20/400	-
Input max. power handling	50(Continue)	W
Operating Temperature	-5 ~ +50	°C
Storage Temperature	-20 ~ +70	°C
Dimensions (Φ x L)	Φ 45 x L155	mm

* Backward power of the system should be less than 10% of the input power.

*The handling power equal to the sum of forward power and backward power.

Mechanical Dimension



Ordering Information

specification	GCHPIIT
Operating Wavelength	1064=1064nm.
Pigtail diameter	0=bare fiber
Fiber type	can be customized etc.
Power condition	C=Continue Wave, P(10)=Pulse Peak Power(10KW),etc.
Power handling	1=1W, 2=2W, 5=5W, 10=10W, 50=50W etc.
Package Size	Φ 45 x L155
Fiber length	l=1m