

Mini-Size 1064nm High Power In-line Isolator

Features

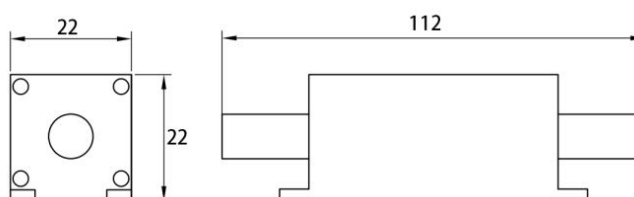
Low insertion loss
High extinction ratio
High stability & Reliability

Applications

Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

Parameter		High power in-line isolator	Unit
		Non-PM isolator	
Operating wavelength range		1064 or customized	nm
Bandwidth		± 5	nm
Typical peak isolation		≥ 32	dB
Isolation in band at 23°C		≥ 28	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)		SM-GDF-10/125	-
Input max. Power handling	Average	≤ 10	W
	Pulse peak	≤ 10	kW
Max. tensile load		5	N
Operating temperature		-5~ +50	°C
Storage temperature		-20 ~ +70	°C
Dimensions (L×W×H)		112x22x22	mm

Mechanical Dimension



(For Non-PM isolator)

Ordering Information

specification	GCHPIIT
Fiber length	specify
Package size	112x22x22etc
Power condition	C=Continue wave, P(10)=Pulse peak power(10kW), etc
Fiber type	Fiber code
Pigtail diameter	0=bare fiber
Center Wavelength	1064, etc
Working axis	Just for PM type, B:Both axis working, F: Fast axis blocked