

1064nm High Power In-line Isolator

Features

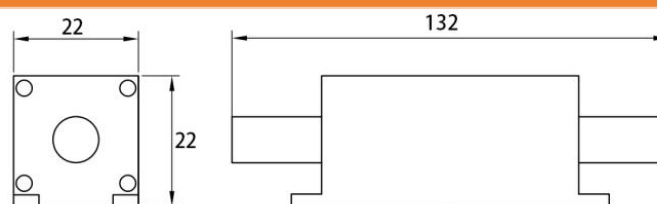
Low insertion loss
High extinction ratio
High stability & Reliability

Applications

Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

Parameter		High power in-line isolator	Unit
		PM isolator	
Operating wavelength range		1064 or customized	nm
Bandwidth		±5	nm
Typical peak isolation		≥32	dB
Isolation in band at 23℃		≥28	dB
Insertion loss at 23℃		≤1.2	dB
Polarization dependent loss		/	dB
Extinction ratio		≥18(Type B), ≥20(Type F)	dB
Return loss		≥45	dB
Fiber type(can be customized)		PLMA-GDF-10/125-M	-
Input max. power handling	Average	≤30	W
	Pulse peak	≤10	kW
Max. tensile load		5	N
Operating temperature		-5~ +50	℃
Storage temperature		-20 ~ +70	℃
Dimensions (L×W×H)		132*22*22	mm

Mechanical Dimension



(For PM isolator)

Ordering Information

specification	GCHPMIIT
Fiber length	specify
Package size	132x22x22etc
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