

## High Power Isolator 1310nm or 1550nm

### Features

Low insertion loss  
High extinction ratio  
High stability & Reliability

### Applications

Fiber Amplifier  
Fiber sensor  
Fiber Laser Marking  
Laboratory R&D

Parameter	5W~10W (Non-PM isolator)		Unit
	Single stage	Dual stage	
Center wavelength	1310 or 1550		nm
Operating bandwidth	$\pm 15$		nm
Isolation @23°C	$\geq 30$	$\geq 46$	dB
Insertion loss typical	$\leq 0.50$	$\leq 0.60$	dB
Insertion loss	$\leq 0.70$	$\leq 0.80$	dB
PDL (for Non-PM isolator)	$\leq 0.1$	$\leq 0.15$	dB
Extinction ratio (for PM isolator)	/	/	dB
PMD (for Non-PM isolator)	$\leq 0.25$	$\leq 0.05$	ps
Return loss	$\geq 55$	$\geq 55$	dB
Input max. power handling	5W~10W		W
Operating temperature	$-5 \sim +70$		°C
Storage temperature	$-40 \sim +85$		°C
Dimensions	70x12x8		mm

\*The above specification is without connector.

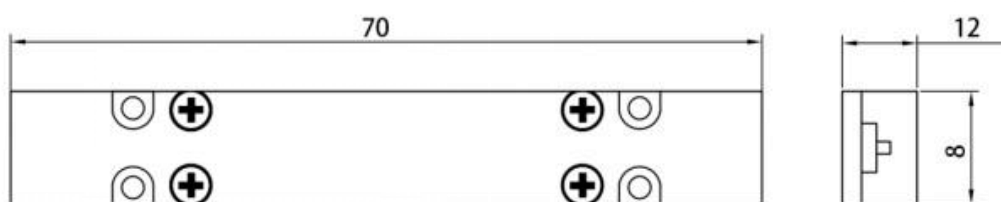
\*Other specifications can be made on customer request

\*For PM fiber B type=Both axis working, F type=Fast axis blocked.

\*Backward power<10% input power

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

### Mechanical Dimension



### Ordering Information

specification	GCHPISO
Package size	70x12x8 etc
Input/output connector	FC/UPC, FC/APC etc
Average power handling	1=1W, 5=5W, 10=10W etc.
Power condition	C=Continue wave, P(10)=Pulse peak power(10KW),etc
Fiber type	Fiber code
Pigtail type	0=250μm, 4=other
Operating wavelength	1310=1310nm, 1550=1550nm etc