

## 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 (Non-PM isolator)		Unit
	Single stage	Dual stage	
Center wavelength	1310 or 1550		nm
Operating bandwidth	± 15		nm
Isolation @23°C	≥30	≥46	dB
Insertion loss typical	≤0.40	≤0.60	dB
Insertion loss	≤0.60	≤0.80	dB
PDL (for Non-PM isolator)	≤0.1	≤0.15	dB
PMD (for Non-PM isolator)	≤0.25	≤0.05	ps
Return loss	≥55	≥55	dB
Input max. power handling	≤5W		W
Operating temperature	-5 ~ +70		°C
Storage temperature	-40 ~ +85		°C
Dimensions	Φ5.5× L30(for Non-PM isolator)		mm

\*The above specification is without connector.

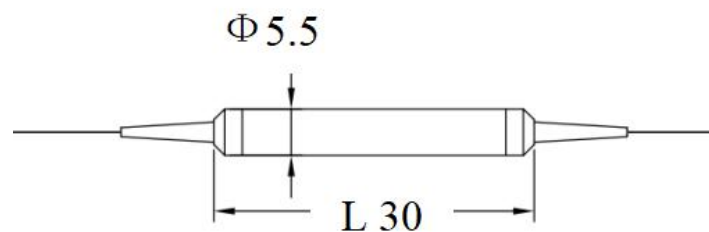
\*Other specifications can be made on customer request

\*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	5.5×30 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