

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 (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
Extinction ratio (for PM isolator)	≥20(Type B) ≥22(Type F)		dB
Return loss	≥55	≥55	dB
Input max. power handling	≤5W		W
Operating temperature	-5 ~ +70		°C
Storage temperature	-40 ~ +85		°C
Dimensions	Φ5.5× L35(for PM isolator)		mm

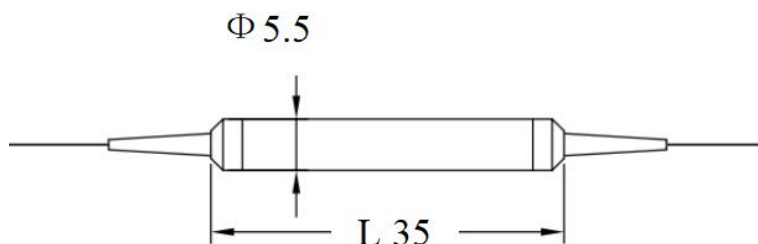
*The above specification is without connector.

*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

Mechanical Dimension



Ordering Information

specification	GCHPMISO
Package size	5.5×35 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
For PMISO	B=Both axis working, F=Fast axis blocked Type: S= Single stage, D= Dual stage