

Polarization Maintaining Isolator (PMISO)

Features

Low insertion loss
High extinction ratio
High stability & Reliability

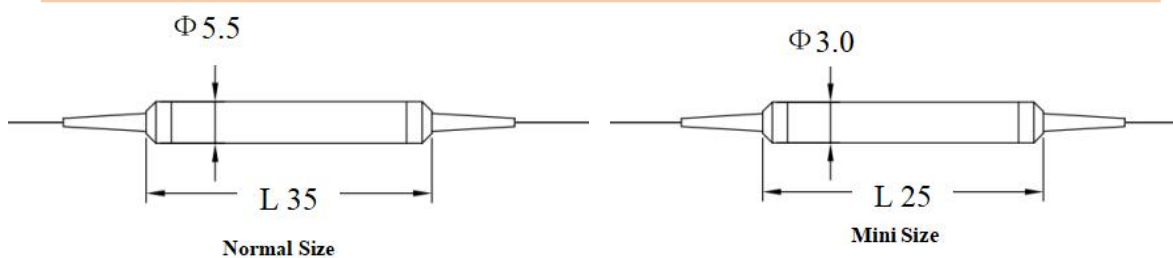
Applications

Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

Parameter	PM Isolator		Unit
	Single stage	Dual stage	
Center wavelength	1310,1440,1550		nm
Operating bandwidth	±15		nm
Insertion loss @23°C	≤0.6	≤0.7	dB
Extinction ratio	≥20(Type B) ≥25(Type F)		dB
Isolation @23°C	≥30	≥46	dB
Return loss (Input/Output)	≥55/50		dB
Handling power	≤500		mW
Fiber type	PM Panda Fiber		/
Operating temperature	-5~+70		°C
Storage temperature	-40~+85		°C
Dimensions	Φ5.5×L35 or Φ3.0×L25		mm

* Type B: Both axis working, Type F: Fast axis blocked.

Mechanical Dimension



Ordering Information

specification	GCPMISO
Package Size	5.5×35 etc
Input/Output Connector	FC/UPC, FC/APC etc
Fiber Code	Specify
Pigtail Type	0=250μm, 1=900μm, 4=others
Operating Wavelength	1310, 1550nm etc
Working axis type	B= Both axis working, F=Fast axis blocked
Stage	S= Single stage, D= Dual stage