

## Polarization Maintaining Isolator(PMISO)

### Features

Low insertion loss  
High extinction ratio  
High isolation  
Excellent stability and reliability

### Applications

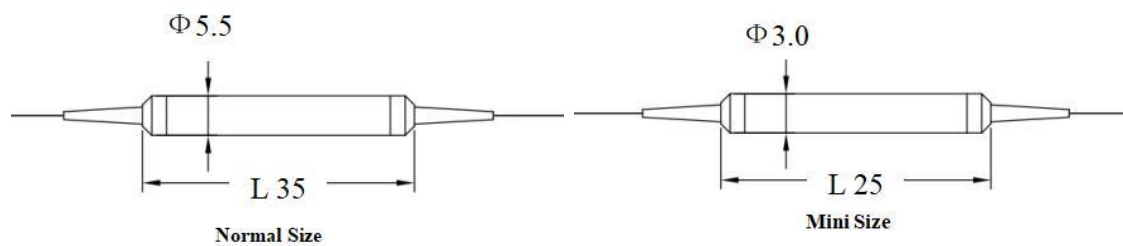
Fiber Sensors  
Testing instruments

Parameter	Dual stage PM Isolator	Unit
Center Wavelength	1550	nm
Operating bandwidth	±15	nm
Extinction ratio	≥20(Type B)	dB
Insertion Loss @23°C	≤0.7	dB
Isolation @23°C	≥46	dB
Return Loss(Input/Output)	≥55/50	dB
Power Handling	≤500	mW
Operating temperature	-5 ~ +70	°C
Storage temperature	-40 ~ +85	°C
Dimensions	Φ5.5×L35 or Φ3.0×L25	mm
Fiber Type	SM15-PS-U25D	-

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

\* IL is 0.3dB (1310~1550nm) higher, RL is 5dB lower and ER is 2dB lower for each connector added. The default connector key is aligned to slow axis.

### Mechanical Dimension



### Ordering Information

specification	GCPMISO
Stage	S= Single stage, D= Dual stage
Working axis type	B= Both axis working, F=Fast axis blocked
Pigtail Type	0=250μm, 1=900μm, 4=others
Operating Wavelength	1550nm.
Input/Output Connector	FC/UPC, FC/APC etc.
Fiber Type	SM15-PS-U25D
Package Size	Φ5.5×L35 or Φ3.0×L25