

Polarization Maintaining Isolator(PMISO)

Features

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

Applications

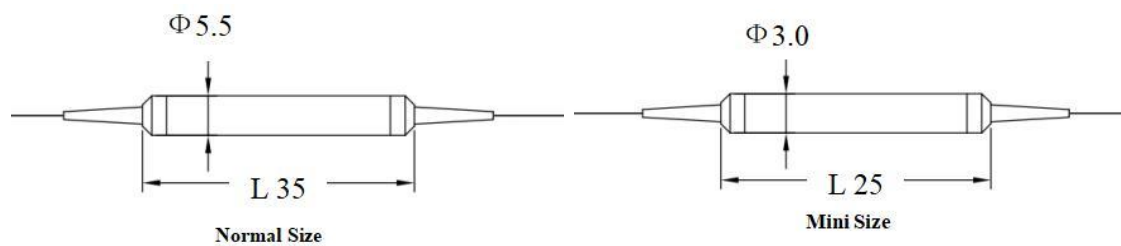
Fiber Sensors
Testing instruments

Parameter	Dual stage PM Isolator	Unit
Operating 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	Average Power 200mW, 13KHz , 175ns	-
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