

Polarization Maintaining Isolator (PMISO)

Features

Low insertion loss
High extinction ratio
High stability & Reliability

Applications

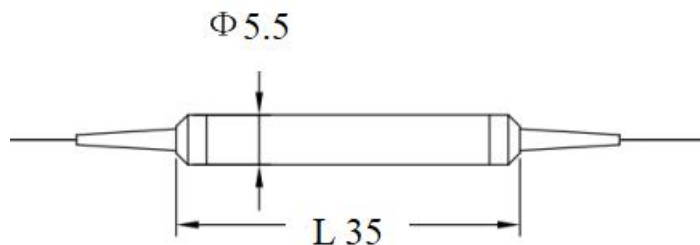
Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

Parameter	PM Isolator (Single stage)	Unit
Center wavelength	2000	nm
Operating bandwidth	±50	nm
Insertion loss	≤1.0	dB
Extinction ratio	≥18(Type B), ≥20(Type F)	dB
Isolation @23°C	≥20	dB
Return loss (Input/Output)	≥50/50	dB
Handling power	≤300	mW
Fiber type	SM15-PS-U25D or specify	/
Operating temperature	-5~+70	°C
Storage temperature	-40~+85	°C
Dimensions	Φ5.5×L35	mm

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

* IL is 0.3dB 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



Normal Size

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	2000=2000nm etc
Working axis type	B= Both axis working, F=Fast axis blocked
Stage	S= Single stage