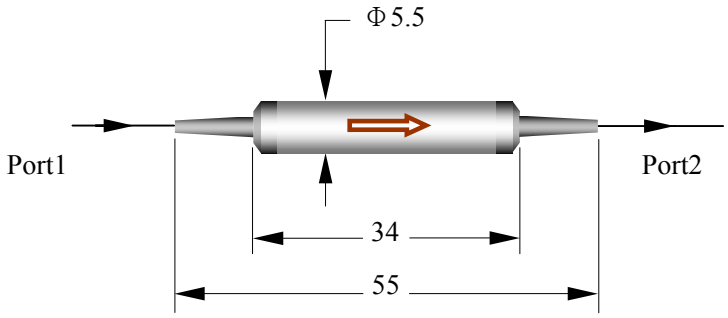
LIGHTCOMM

高出力対応ＰＭ型アイソレーター（1310,1480,1550nm）

High Power Polarization Maintaining Isolator (PMISO) 1310,1480,1550nm

1. Features:

* High Isolation
* Low Insertion Loss
* Large Aperture features



2. Applications:

* Fiber Optic Lasers
* Fiber Amplifiers
* Fiber Sensors

3. Specifications:

Parameters \ Type	Unit	Values	
Stage		Single Stage	Dual Stage
Center Wavelength (λc)	nm	1310, 1480 or 1550	
Operating Wavelength Range	nm	±20	
Typ. Peak Isolation	dB	42	58
Isolation	dB	≥28	≥46
Typ. Insertion Loss	dB	0.4	0.5
Max. Insertion Loss at -5℃-70℃	dB	≤0.55	≤0.65
Return Loss (Input/Output)	dB	≥55	≥55
Extinction Ratio(only for F type)	dB	≥22	≥22
Extinction Ratio(only for B type)	dB	≥20	≥20
Power Handling	W	1, 3, 5	
Tensile Load	N	≤5	
Fiber Type		PM Panda Fiber	
Operating Temperature	℃	-5 to +70	
Storage Temperature	℃	-40 to +85	
Package Dimensions	mm	Φ5.5x34 (Both Axis Working)	

*The specifications are w/o connector.

* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

* For device with connector, key aligned to slow axis, and handling power will be lower than 1W.

4. Product Ordering Information

HPMI-X-XXXX-X-X-X-XX/XXX-XX*XX

- Package Size: Φ5.5×L34
- Input/Output Connector: FC/UPC, FC/APC etc.
- Axis Alignment: B=Both Axis Working
- Power level: 1=1W, 3=3W, 5=5W, C=Customize
- Pigtail Type: 0=250μm, 1=900μm
- Operating Wavelength: 1310, 1480, 1550 etc.
- Type: S= Single stage, D= Dual stage

光技術をサポートする
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http://www.optoscience.com

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