



PM 980/1550nm Micro-Optic Wavelength Division Multiplexer



Features

- Wide Operating Wavelength Range
- Low Insertion Loss
- Ultra Flat Wide Passband
- High Channel Isolation
- High Reliability and Stability
- Epoxy Free Optical Path

Applications

- System Monitoring
- WDM System
- Transmitters and Fiberlasers
- Fiberoptic Amplifiers
- Fiberoptic Instruments

Performance Specifications

Parameter		Specifications
Pass Channel Wavelength Range (nm)		1520 ~ 1600
Reflect Channel Wavelength (nm)		965~ 1000
Insertion Loss (dB)	Reflect Channel	≤ 0.8
	Pass Channel	≤ 1.1
Insertion Loss Variation(dB)		≤ 0.3
Isolation (dB)	Reflect Channel	≥ 18
	Pass Channel	≥ 30
Fiber type		Common/pass: 1550 Panda PM; Reflect : HI1060
Extinction Ratio (dB)		≥20
Directivity (dB)		≥55
Return Loss (dB)		≥50
Power Handling (mW)		300
Operating Temperature (°C)		0 ~ +65
Storage Temperature (°C)		-40 ~ +85
Dimensions (mm)		Φ5.5xL35(L38)

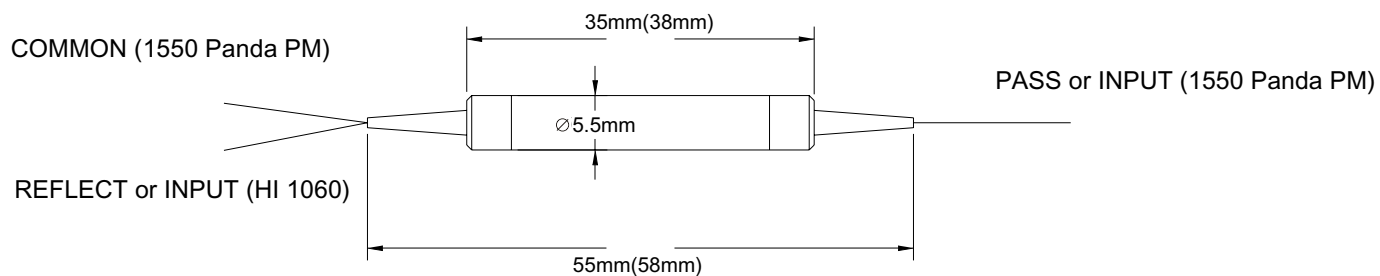
1. The PM fiber and the connector key are aligned to the slow axis.
2. The ER is for fiber ≤ 0.75 meter. Increase fiber length can decrease the ER.
3. For devices with connectors, insertion loss will be 0.3dB higher, return loss will be 5dB lower, and extinction loss will be 2dB lower.

* L38 for 900um Jacket.

Ordering Information

PMWDM	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
	Wavelength	Pigtail Style	Fiber Length	In/Out Connector
	59=1550nm Pass	1=Bare Fiber 2=900um Jacket	1=0.75 meter	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC

Dimensions



Spectral Chart

