



## Polarization Maintaining Filter Wavelength Division Multiplexer (PMFWDM Series)

Rev 11

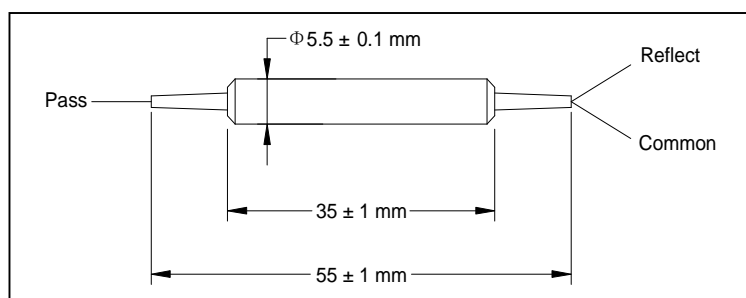
The Polarization Maintaining Filter Wavelength Division Multiplexer provides wavelength division multiplexing while maintaining signal polarization. The components are based on environmentally stable thin-film filter technology and are characterized with high extinction ratio, low insertion loss, and high return loss. They are ideal for high speed WDM network systems.

### Specifications

Parameter	Unit	Value
Wavelength Range	nm	980 ± 10
Typ. Insertion Loss	dB	0.5
Pass Band	Max. Insertion Loss)	0.7
Typ. Isolation	dB	30
Min. Isolation	dB	25
Wavelength Range	nm	1060 ± 40
Typ. Insertion Loss	dB	0.4
Reflection Band	Max. Insertion Loss	0.6
Typ. Isolation	dB	15
Min. Isolation	dB	12
Min. Return Loss	dB	50
Min. Extinction Ratio	dB	20
Fiber Type		PM 980 Panda fiber
Max. Optical Power (Continuous Wave)	mW	300
Max. Tensile Load	N	5
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

\*IL is 0.5 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

### Package Dimensions



### Ordering Information

PMFWDM-①①①①-②-③-④

①①①①: Wavelength

9806 - 980 Pass/ 1060 Reflect

②: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

③: Fiber Jacket

B - 250 μm Panda fiber

L - 900 μm loose tube

S - Specify

④: Fiber Length

Q - 0.75 m

S - Specify