



Polarization Maintaining Filter Wavelength Division Multiplexer (PMFWDM Series)

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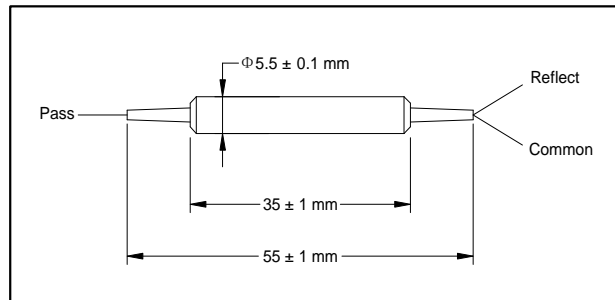
The PM FWDM series provides wavelength division multiplexing while maintaining signal polarization. The components are based on environmentally stable thin film filter technology and are characterized with high extinction ratio, low insertion loss, and high return loss. They are ideal for high speed WDM network systems.

Specifications

Parameter	Unit	Value	
Wavelength Range	nm	980 ± 20	
Typ. Insertion Loss	dB	0.8	
Pass Band	Max. Insertion Loss	dB	1.0
	Typ. Isolation	dB	35
	Min. Isolation	dB	30
	Wavelength Range	nm	1480 - 1620
Reflection Band	Typ. Insertion Loss	dB	0.5
	Max. Insertion Loss	dB	0.7
	Typ. Isolation	dB	15
	Min. Isolation	dB	12
Min. Return Loss	dB	50	
Min. Extinction Ratio	dB	18	
Max. Average Optical Power	W	2	
Max. Peak Power for ns pulse	kW	2	
Max. Tensile Load	N	5	
Fiber Type		PM 1550 Panda fiber for Reflect & Common Ports PM 980 Panda fiber for Pass Port	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

*IL is 0.3 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-P

①①①①: Wavelength

9855 - 980 Pass/1550 Reflect

②: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

③: Fiber Type

B - 250 μm Panda fiber

L - 900 μm loose tube

S - Specify

④: Fiber Length

Q - 0.75 m

S - Specify