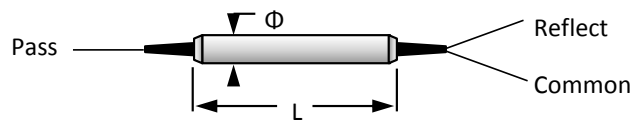


Polarization Maintaining (PM) Filter WDM 1950/1550nm

The 1950/1550nm 1950/1570nm Polarization Maintaining (PM) Filter Wavelength Division Multiplexer (WDM) is based on thin-film filter technology. It provides wavelength division multiplexing while maintaining signal polarization with high extinction ratio. High power available upon request.



Features

- Low Insertion Loss
- High Extinction Ratio
- Customized Wavelength Range

Applications

- EDFA
- Fiber Laser
- Lab & Research

Performance Specification

Parameter	Value	Unit
Pass Band	Wavelength	1950 (1940-1960)
	Insertion Loss	0.8 (Typ.), 1.0 (Max.)
	Isolation	30 (Typ.), 25 (Min.)
Reflection Band	Wavelength	1550 or 1570 (1550-1590)
	Insertion Loss	0.6 (Typ.), 0.8 (Max.)
	Isolation	15 (Typ.), 12 (Min.)
Typ. Extinction Ratio	20	dB
Min. Extinction Ratio	18	dB
Min. Directivity	55	dB
Max. Thermal Stability	0.005	dB/°C
Min. Return Loss	50	dB
Max. Optical Power (Continuous Wave)	500 (higher power available upon request)	mW
Max. Tensile Load	5	N
Fiber Type	PM 1950 Panda Fiber	
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C
Package Dimension	Φ5.5×L35	mm

Note

* For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower.
* The PM fiber and the connector key are aligned to the slow axis.

Ordering Information

PMFWDM-AAAA/AAAA-B-CC-DD

AAAA/AAAA	B	CC	DD
Wavelength	Fiber Jacket	Fiber Length	Connector
1950/1550 - 1950/1550nm	B - 250um Bare	05 - 0.5m	NE - None
1950/1570 - 1950/1570nm	Fiber	08 - 0.8m	FA - FC/APC
SSSS/SSSS - Specify	L - 900um Loose	10 - 1.0m	FP - FC/PC
	Tube	15 - 1.5m	SA - SC/APC
		SS - Specify	SP - SC/PC
			LA - LC/APC
			LP - LC/PC
			SS - Specify