

Optizone 2000nm Polarization Maintaining Filter Wavelength Division Multiplexers

Features

- All Fiber Construction
- High Reliability
- Outstanding Optical Performance
- Cost Effective

Applications

- Fiber Optical Test Equipment
- Fiber Sensor
- Fiber Lasers
- Optical Fiber Amplifier
- R&D
- Radar

Specifications

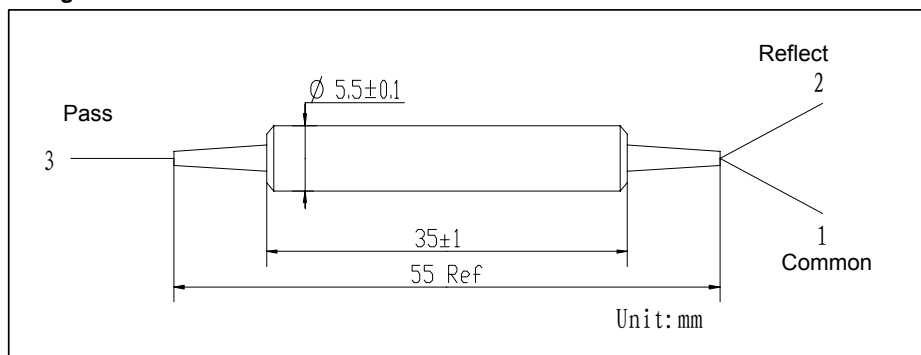
Parameters		Unit	Values
Pass Band	Wavelength Range	nm	1950~2050
	Max. Insertion Loss	dB	0.8
	Typ. Insertion Loss	dB	0.6
	Min. Isolation	dB	25
	Typ. Isolation	dB	30
Reflection Band	Wavelength Range	nm	1550~1590
	Max. Insertion Loss	dB	0.6
	Typ. Insertion Loss	dB	0.4
	Min. Isolation	dB	12
	Typ. Isolation	dB	15
Min. Return Loss		dB	50
Min. Directivity(over 1550~1590nm)		dB	55
Min. Extinction Ratio		dB	18
Typ. Extinction Ratio		dB	20
Thermal Stability		dB/°C	≤0.005
Max. Optical Power (CW)		mW	500
Max. Tensile Load		N	5
Fiber Type		PM 1550 Fiber , PM 1950 Fiber or Specify	
Operating Temperature		°C	-5 to +70
Storage Temperature		°C	-40 to +85

*Above specifications are for device without connector.

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

*The PM fiber and the connector key are aligned to the slow axis.

Package Dimensions



Ordering Information

PMFWDM-①①①①-②-③③③-④④④-⑤

①①①①: Wavelength
2057 - 2000nm Pass / 1570nm Reflect
SSSS - Specify

②: Fiber Type
1 - PM 1550 Fiber (all ports)
2 - PM 1550 Fiber at Common & Reflect ports
and PM 1950 Fiber at Pass port
S - Specify

③③③: Connector Type on Port 1, 2 & 3
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

④④④: Fiber Jacket on Port 1, 2 & 3
B - 250um Bare Fiber
L - 900um Loose Tube
S - Specify
⑤: Fiber Length
0.8 - 0.8m
S - Specify