2000nm Polarization Maintaining Filter Wavelength Division Multiplexers

Features

All Fiber Construction
High Reliability
Outstanding Optical Performance
Cost Effective

Applications

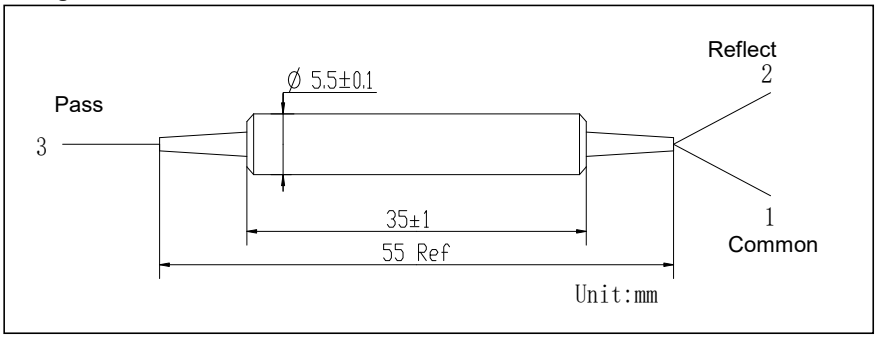
Fiber Optical Test Equipment
Fiber Sensor
Fiber Lasers
Optical Fiber Amplifier
R&D
Radar

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/℃	≤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		℃	-5 to +70
Storage Temperature		℃	-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



HPMFWDM-①①①①-②②-③③-④④④-⑤⑤-⑥⑥-⑦

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

②②: Handling Power
0.5 - 0.5W
SS - Specify

③③③: Connector Type on Port 1, 2 & 3
1A - FC/UPC
2A - FC/APC（Step）
N - None
S - Specify

④④④: Fiber Jacket on Port 1, 2 & 3
B - 250um Bare Fiber
C - 900um Loose Tube(Red)
F - 900um Loose Tube(White)
S - Specify

⑤⑤: Fiber Length
0.8 - 0.8m
S - Specify

⑥⑥: Fiber Type
09A - PM 1550 Fiber
20 - Nufern PM1950
21A - PM 1550 Fiber at Common & Reflect ports and PM 1950 Fiber at Pass port

⑦: Package Size
01 - Ø5.5x35