Polarization Maintaining Filter Wavelength Division Multiplexers

Features

All Fiber Construction
High Reliability
Outstanding Optical Performance
Cost Effective

Applications

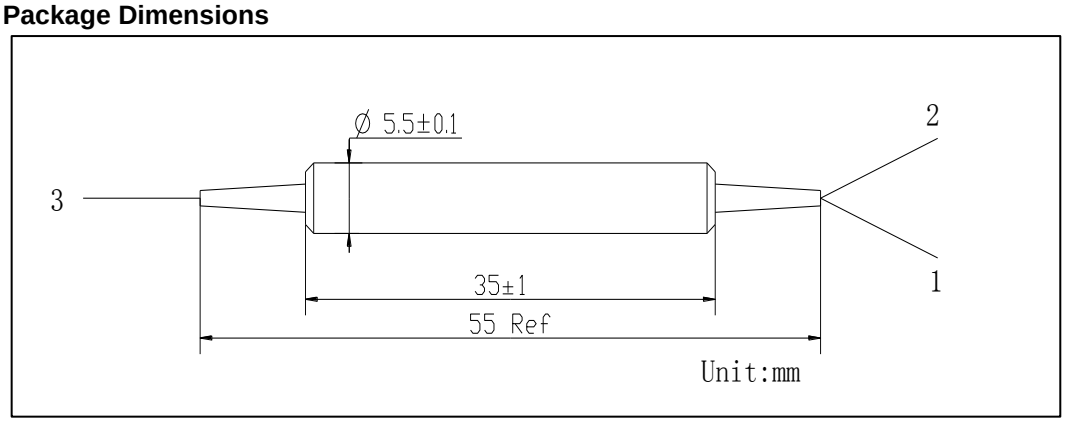
Fiber Optical Test Equipment
Fiber Sensor
Fiber Lasers
Optical Fiber Amplifier
R&D
Radar

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	1550-1650
	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 1550~1650nm)		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



Ordering Information

APMFWDM-①①①①-②②②-③③③-④

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

②②②: Connector Type on Port 1, 2 & 3
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

③③③: Fiber Jacket on Port 1, 2 & 3
B - 250um Bare Fiber
L - 900um Loose Tube
S - Specify

④: Fiber Length
0.8 - 0.8m
S - Specify