
Optizone 2000nm Filter Wavelength Division Multiplexer
Features

All Fiber Construction
High Reliability
Outstanding Optical Performance
Cost Effective

Applications

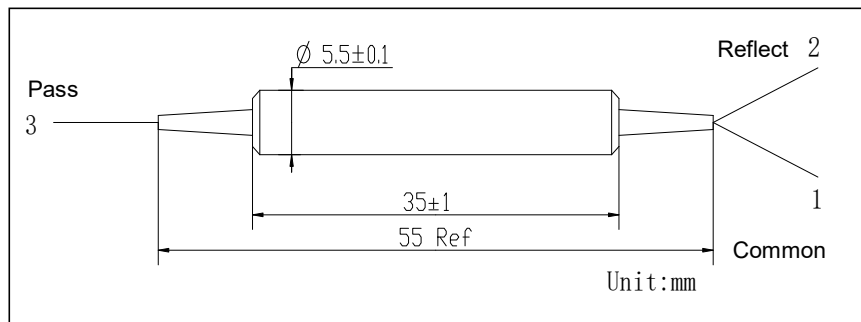
Fiber Optical Test Equipment
Fiber Sensor
Fiber Lasers
Optical Fiber Amplifier
R & D
Radar

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
Max. PDL		dB	0.1
Typ. PDL		dB	0.05
Thermal Stability		dB/°C	≤0.005
Max. Optical Power (CW)		mW	500
Max. Tensile Load		N	5
Fiber Type			SMF-28e 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 and RL will be 5dB lower.

Package Dimensions**Ordering Information**

FWDM-①①①①-②②-③③③-④④④-⑤-⑥⑥-⑦⑦

①①①①: Wavelength

2057 - 2000nm Pass / 1570nm Reflect

SSSS - Specify

②②: Handling Power

0.5 - 500mW

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

F - 900um Loose Tube(White)

S - Specify

⑤: Fiber Length

0.8 - 0.8m

S - Specify

⑥⑥: Fiber Type

01 - SMF-28e Fiber (all ports)

11 - SMF-28e Fiber at Common & Reflect ports
and SM 1950 Fiber at Pass port

S - Specify

⑦⑦: Package

01 - $\phi 5.5 \times 35$ mm