



## Filter Wavelength Division Multiplexer

### Features

Low Insertion Loss  
 Low Polarization Dependence  
 High Isolation  
 Excellent Environmental Stability

### Applications

TDFAs / EDFAs  
 Raman Amplifier  
 WDM Networks  
 Fiber Optics Instrumentation

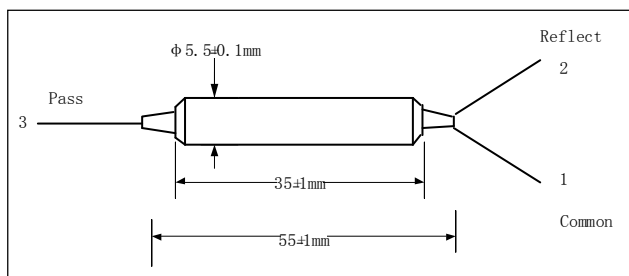
### Specifications

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	1500~1600
	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 1500~1600nm)	dB	50	
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	
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-①①①①-②②②-③③③-④**

①①①①: Wavelength

2055 - 2000nm Pass / 1550nm Reflect

③③③: Fiber Jacket on Port 1, 2 & 3

B - 250um Bare Fiber

L - 900um Loose Tube

S - Specify

②②②: Connector Type on Port 1, 2 & 3

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

④: Fiber Length

0.8 - 0.8m

S - Specify