

Filter Wavelength Division Multiplexer



Features

Wide Pass Band
 Low Insertion Loss
 High Return Loss
 Excellent Environmental Stability

Applications

Fiber Lasers
 Fiber Amplifiers
 Fiber Sensors
 Research

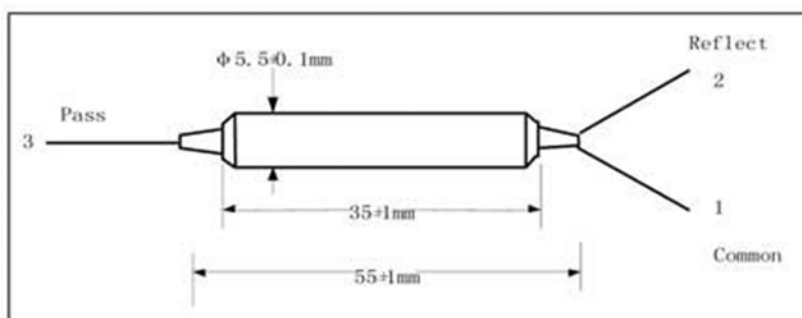
Specifications

Parameters	Unit	Values	
Pass Band	Wavelength Range	nm	960-990
	Max. Insertion Loss	dB	0.7
	Typ. Insertion Loss	dB	0.5
	Typ. Isolation	dB	30
	Min. Isolation	dB	25
Reflection Band	Wavelength Range	nm	1020-1080
	Max. Insertion Loss	dB	0.5
	Typ. Insertion Loss	dB	0.3
	Typ. Isolation	dB	15
	Min. Isolation	dB	13
Optical Return Loss	dB	50	
Max. PDL	dB	0.1	
Typ. PDL	dB	0.05	
Thermal Stability	dB/°C	≤0.005	
Max. Optical Power (CW)	mW	300	
Max. Tensile Load	N	5	
Fiber Type		HI 1060 fiber	
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, RL will be 5dB lower.

Package Dimensions



Ordering Information

FWDM-①①①①-②②②-③③③-④

①: Wavelength

9806 - 980 Pass/1064 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

1 - 1.0m

S - Specify