

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

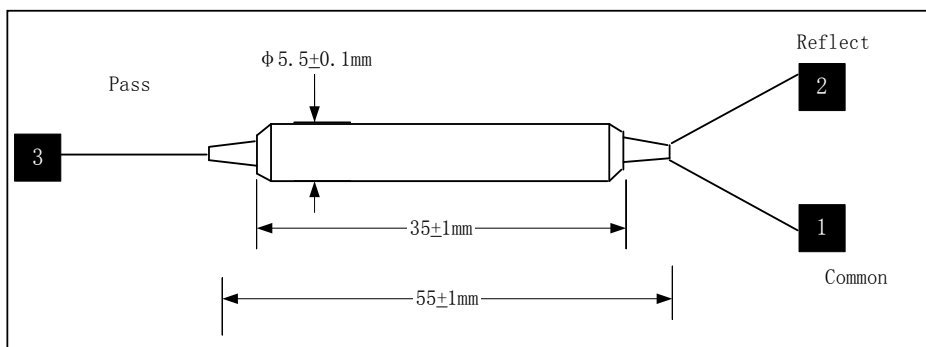
Specifications

Parameters	Unit	Values	
Pass Band	Wavelength Range	nm	1530-1570
	Typ. Insertion Loss	dB	0.4
	Max. Insertion Loss	dB	0.6
	Typ. Isolation	dB	30
	Min. Isolation	dB	25
Reflection Band	Wavelength Range	nm	1030-1070
	Typ. Insertion Loss	dB	0.5
	Max. Insertion Loss	dB	0.7
	Typ. Isolation	dB	15
	Min. Isolation	dB	12
Min. Return Loss	dB	50	
Max. PDL	dB	0.1	
Typ. PDL	dB	0.05	
Thermal Stability	dB/°C	≤0.005	
Max. Optical Power	mW	300	
Max. Tensile Load	N	5	
Fiber Type		Pass port:SMF-28e Common & Reflection Port :HI1060	
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-①①①①-②-③-④

①①①①: Wavelength
 5506 - 1550Pass/1064 Reflect

②: Connector Type

1 - FC/UPC
 2 - FC/APC
 3 - SC/UPC
 4 - SC/APC

N - None
 S - Specify

③: Fiber Type

B - 250um bare fiber
 L - 900um loose tube
 S - Specify

④: Fiber Length

1 - 1.0 m
 S - Specify