



High Power Filter Wavelength Division Multiplexer 9806nm

Features

- Wide Pass Band
- Low Insertion Loss
- High Return Loss
- Excellent Environmental Stability
- High Power Handling Capability

Applications

- Fiber Lasers
- Fiber Amplifiers
- Fiber Sensors
- Research

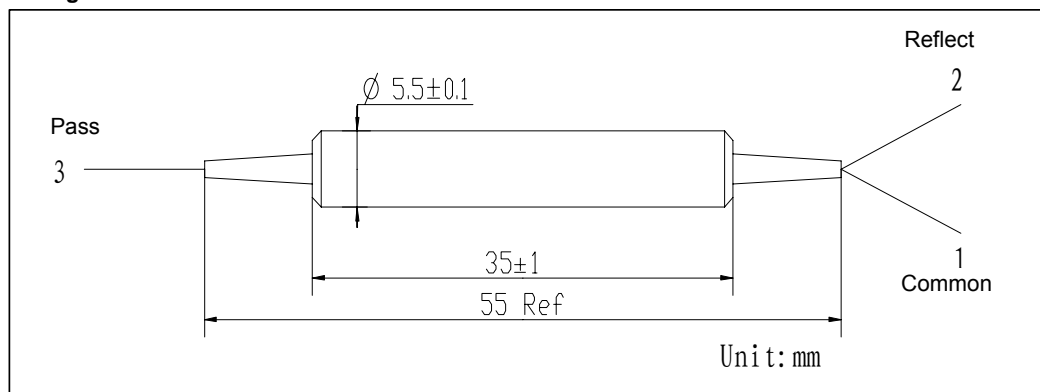
Specifications

Parameters	Unit	Values	
Pass Band	Wavelength Range	nm	960-990
	Max. Insertion Loss	dB	0.9
	Typ. Insertion Loss	dB	0.7
	Typ. Isolation	dB	30
	Min. Isolation	dB	25
Reflection Band	Wavelength Range	nm	1020-1080
	Max. Insertion Loss	dB	0.7
	Typ. Insertion Loss	dB	0.5
	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)	W	1, 2, 3 or Specify	
Max. Peak Power for ns Pulse	kW	10	
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 0.5dB higher, RL will be 5dB lower and optical power is only 1000mW(CW).

Package Dimensions



Ordering Information

HPFWDM-①①①①-②②-③③③-④④④-⑤

①①①①: Wavelength

9806 - 980 Pass/1064 Reflect

④④④: Fiber Jacket on Port 1, 2 & 3

B - 250um Bare Fiber

L - 900um Loose Tube

S - Specify

②②: Handling Power

01 - 1W

SS - Specify

③③③: Connector Type on Port 1, 2 & 3

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

⑤: Fiber Length

1 - 1.0m

S - Specify