


2000nm High Power Filter Wavelength Division Multiplexer
Features

All Fiber Construction
 High Reliability
 Outstanding Optical Performance
 Cost Effective
 High Power Handling Capability

Applications

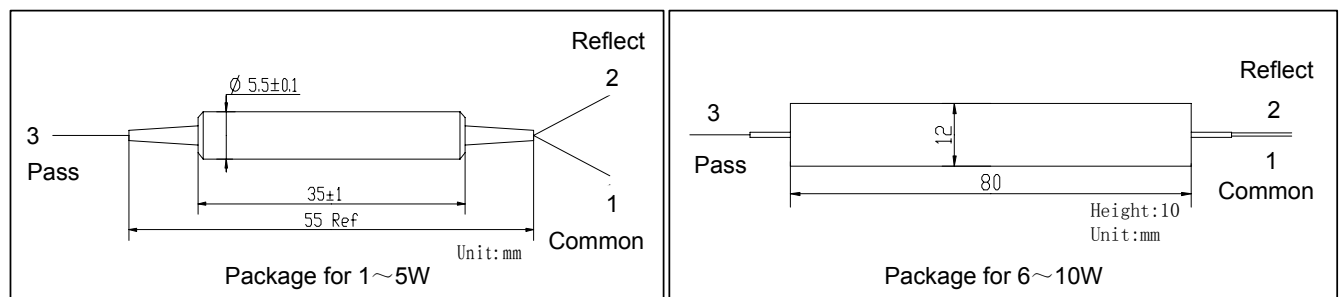
Fiber Optical Test Equipment
 Fiber Sensor
 Fiber Lasers
 Optical Fiber Amplifier
 R&D
 Radar

Specifications

Parameters	Unit	Values	
Pass Band	Wavelength Range	nm	1950~2050
	Max. Insertion Loss	dB	0.9
	Typ. Insertion Loss	dB	0.7
	Min. Isolation	dB	25
	Typ. Isolation	dB	30
Reflection Band	Wavelength Range	nm	1550~1590
	Max. Insertion Loss	dB	0.7
	Typ. Insertion Loss	dB	0.5
	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)	W	1, 3, 5 or Specify	
Max. Tensile Load	N	5	
Fiber Type		SMF-28e Fiber, SM 1950 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, RL will be 5dB lower, optical power is only 1W.

Package Dimensions**Ordering Information**

HPFWDM-①①①①-②-③③-④④④-⑤⑤⑤-⑥

①①①①: Wavelength

2057 - 2000nm Pass / 1570nm Reflect

SSSS - Specify

③③: Handling Power

01 - 1W

SS - Specify

⑤⑤⑤: Fiber Jacket on Port 1, 2 & 3

B - 250um Bare Fiber

L - 900um Loose Tube

S - Specify

②: Fiber Type

1 - SMF-28e Fiber (all ports)

2 - SMF-28e Fiber at Common & Reflect ports

and SM 1950 Fiber at Pass port

S - Specify

④④④: Connector Type on Port 1, 2 & 3

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

⑥: Fiber Length

0.8 - 0.8m

S - Specify