

Features

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

Applications

- Ultra-Fast Fiber Lasers
- Fiber Amplifiers
- Fiber Sensors
- Research

Specifications

Parameters		Unit	Values	
Pass Band	Wavelength Range	nm	960~990	1020~1080
	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	1020~1080	960~990
	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. Extinction Ratio		dB	20	
Typ. Extinction Ratio		dB	22	
Min. Directivity (over Reflection Band)		dB	55	
Thermal Stability		dB/°C	≤0.005	
Signal Handling Power		-	Pulse Width: ps,fs; Pulse Energy: nJ; Peak Power: 0.5KW,1KW,10KW,20KW and so on.	
Max. Tensile Load		N	5	
Fiber Type			PM 980 Panda Fiber	
Operating Temperature		°C	-5 to +70	
Storage Temperature		°C	-40 to +85	

*Above specifications are for device without connector.

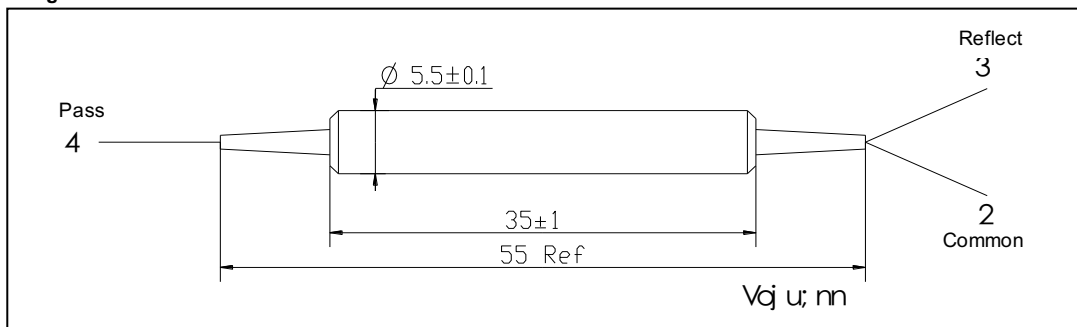
*For devices with connectors, IL will be 0.5dB higher, RL will be 5dB lower and ER will be 2dB lower.

*The PM fiber and the connector key are aligned to the slow axis.

*In this device, both axes is working.

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

HPMFWDM-UF-①①①①-②②-③③-④④④-⑤⑤⑤-⑥-⑦⑦-⑧

①①①①: Wavelength

- 9806 - 980nm Pass / 1020~1080nm Reflect
- 0698 - 1020~1080nm Pass / 980nm Reflect

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 Type on Pump

- 1 - PM 980
- 2 - Hi 1060
- *Refer to the attachment for other optior

②②: Pump Handling Power

- 0.5- 0.5W
- 01 - 1W
- S - Specify

⑦⑦: Fiber Type on Common&Signal

- 1 - PM 980
- *Refer to the attachment for other optior

③③: Signal Average Power

- 01 - 01W
- SS - Specify

⑤⑤⑤: Fiber Jacket on Port 1, 2 & 3

- B - Bare Fiber
- L - 900um Loose Tube
- S - Specify

⑧: Fiber Length

- 0.8 - 0.8m
- S - Specify