

Features

- Low Insertion Loss
- High Quality and Reliability
- High Power Handling Capability

Applications

- High Speed Networks
- Coherent Detecting
- Fiber Sensors
- Research

Specifications

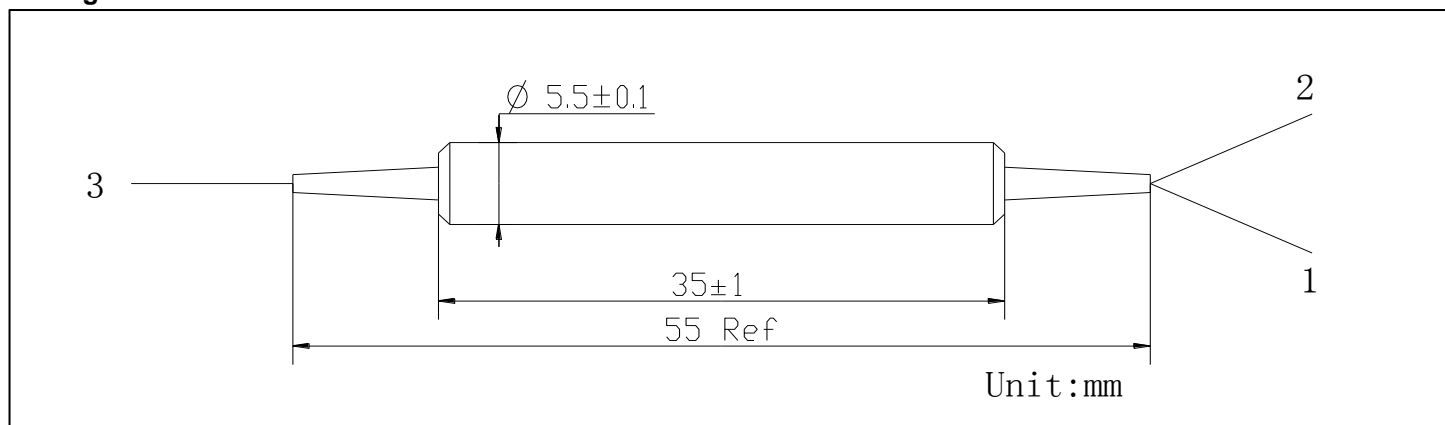
Parameters		Unit	Values	
Filter Type			100GHz	200GHz
Pass Band	Center Wavelength	nm	ITU Grid	
	Typ. Bandwidth at 0.5dB	nm	0.4	0.7
	Min. Bandwidth at 0.5dB	nm	0.2	0.5
	Typ. Channel Isolation at C→P	dB	30	
	Min. Channel Isolation at C→P	dB	25	
	Typ. Insertion Loss at C→P	dB	1.2	1.0
	Max. Insertion Loss at C→P	dB	1.4	1.2
Reflection Band	Typ. Channel Isolation at C→R	dB	15	
	Min. Channel Isolation at C→R	dB	12	
	Typ. Insertion Loss at C→R	dB	0.5	
	Max. Insertion Loss at C→R	dB	0.7	
Typ. Extinction Ratio at 23°C		dB	22	
Min. Extinction Ratio at 23°C		dB	20	
Min Return Loss		dB	50	
Min. Directivity		dB	45	
Center Wavelength Stability		nm/°C	≤0.002	
Thermal Stability		dB/°C	≤0.005	
Max. Optical Power (CW)		W	1, 2, 3 or Specify	
Max. Tensile Load		N	5	
Fiber Type			PM Panda Fiber	
Operating Temperature		°C	-5 to +70	
Storage Temperature		°C	-40 to +85	

*Above specifications are for devices without connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, ER will be 2dB lower and optical power is only 1000mW.

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

Package Dimensions



Ordering information

AHPMDWDM-①-②②-③③-④④④-⑤⑤⑤-⑥

①: Channel Spacing

- 1 - 100 GHz
- 2 - 200 GHz

②②: ITU Grid

③③: Handling Power

- 01 - 1W
- SS - 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

⑤⑤⑤: Fiber Jacket on Port 1, 2 & 3

- B - 250um Fiber
- L - 900um Loose Tube
- S - Specify

⑥: Fiber Length

- 0.8 - 0.8 m
- S - Specify