

Features

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

Applications

- DWDM Systems
- Fiber Lasers
- Research

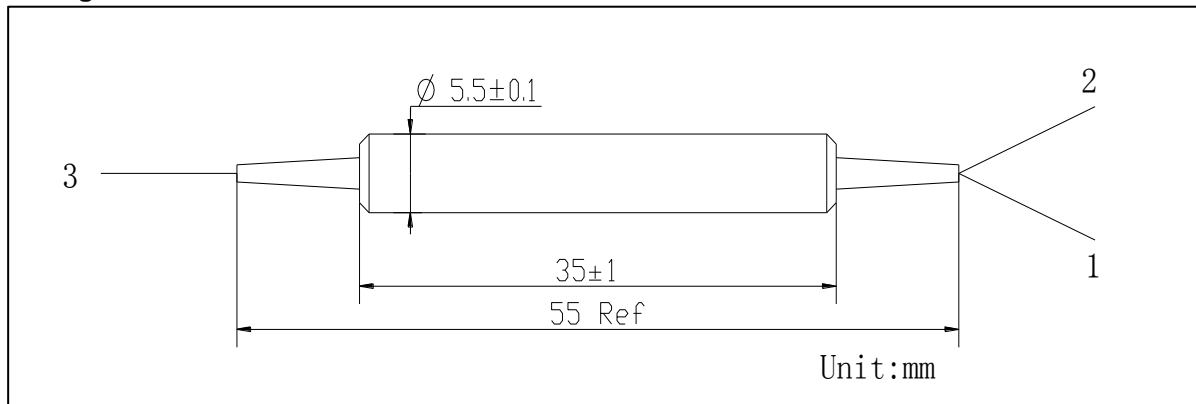
Specifications

Parameters		Unit	Values	
Filter Type			200GHz	100GHz
Pass Band	Center Wavelength CWL	nm	ITU Grid	
	Pass Band	nm	±0.25	±0.11
	Max. Insertion Loss at C→P	dB	1.0	1.2
	Typ. Insertion Loss at C→P	dB	0.7	0.9
	Min. Channel Isolation at C→P	dB	25	25
	Typ. Channel Isolation at C→P	dB	30	30
Reflection Band	Max. Insertion Loss at C→R	dB	0.7	0.7
	Typ. Insertion Loss at C→R	dB	0.5	0.5
	Min. Channel Isolation at C→R	dB	12	12
	Typ. Channel Isolation at C→P	dB	14	14
Max. PDL		dB	0.1	0.1
Typ. PDL		dB	0.05	0.05
Min. Directivity		dB	45	45
Min. Return Loss		dB	50	50
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			SMF-28e 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 0.3dB higher and RL will be 5dB lower and optical power is only 1000mW.

Package Dimensions



Ordering information

AHPDWDM-①-②②-③③-④④④-⑤⑤⑤-⑥

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|--------------------|--------------------------------------|------------------------------------|
| ①: Channel Spacing | ④④④: Connector Type on Port 1, 2 & 3 | ⑤⑤⑤: Fiber Jacket on Port 1, 2 & 3 |
| 1 - 100 GHz | 1 - FC/UPC | B - 250um Bare Fiber |
| 2 - 200 GHz | 2 - FC/APC | L - 900um Loose Tube |
| | 3 - SC/UPC | S - Specify |
| | 4 - SC/APC | |
| ②②: ITU Grid | N - None | ⑥: Fiber Length |
| | S - Specify | 1 - 1.0m |
| ③③: Handling Power | | S - Specify |
| 01 - 1W | | |
| SS - Specify | | |