

### Features

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

### Applications

- DWDM Systems
- EDFAs

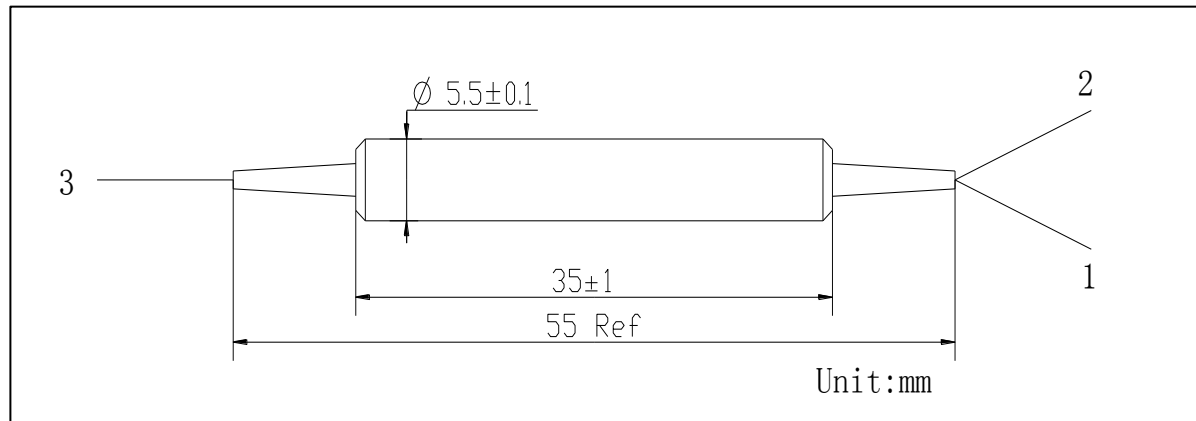
### Specifications

Parameters		Unit	Values
Pass Band	Wavelength Range	nm	1530-1542 (1548-1560)
	Max. Insertion Loss	dB	1.0
	Typ. Insertion Loss	dB	0.8
	Min. Isolation at 23°C	dB	22
	Typ. Isolation	dB	25
Reflection Band	Wavelength Range	nm	1548 - 1560 (1530-1542)
	Max. Insertion Loss	dB	0.7
	Typ. Insertion Loss	dB	0.5
	Min. Isolation at 23°C	dB	12
	Typ. Isolation	dB	15
Optical Return Loss		dB	50
Typ. PDL		dB	0.05
Max. PDL		dB	0.1
Thermal Stability		dB/°C	≤0.005
Max. Optical Power (CW)		W	1, 2, 3 or Specify
Max. Tensile Load		N °C	5
Fiber Type		°C	SMF-28e Fiber
Operating Temperature			-5 to +70
Storage Temperature			-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 and optical power is only 1000mW.

### Package Dimensions



### Ordering Information

- AHPCRBWDM-①①①①-②②-③③③-④④④-⑤**
- ①: Wavelength
    - 4248 - 1530-1542nm Pass / 1548-1560nm Reflect
    - 4842 - 1548-1560nm Pass / 1530-1542nm Reflect
    - SSSS - 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
  - ④④④: Fiber Jacket on Port 1, 2 & 3
    - B - 250um Bare Fiber
    - L - 900um Loose Tube
    - S - Specify
  - ⑤: Fiber Length
    - 1 - 1.0m
    - S - Specify