

**Specifications**

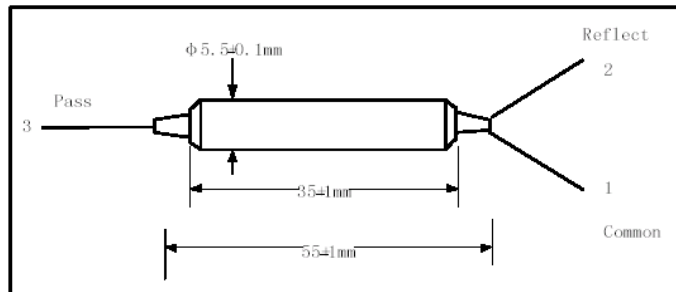
| Parameters                       | Unit                | Values   |           |
|----------------------------------|---------------------|--|-----------|
| Pass Band                        | Wavelength Range    | nm   | 1520~1580 |
|                                  | Max. Insertion Loss | dB   | 0.7       |
|                                  | Typ. Insertion Loss | dB   | 0.5       |
|                                  | Min. Isolation      | dB   | 25        |
|                                  | Typ. Isolation      | dB   | 30        |
| Reflection Band                  | Wavelength Range    | nm   | 960 ~ 990 |
|                                  | Max. Insertion Loss | dB   | 0.5       |
|                                  | Typ. Insertion Loss | dB   | 0.3       |
|                                  | Min. Isolation      | dB   | 12        |
|                                  | Typ. Isolation      | dB   | 15        |
| Min. Return Loss                 | dB                  | 50   |           |
| Min. Directivity(over 960~990nm) | dB                  | 60   |           |
| Min. Extinction Ratio            | dB                  | 20   |           |
| Typ. Extinction Ratio            | dB                  | 22   |           |
| Thermal Stability                | dB/°C               | ≤0.005   |           |
| Max. Optical Power (CW)          | mW                  | 500.0  |           |
| Max. Tensile Load                | N                   | 5  |           |
| Fiber Type                       |                     | PM 1550 Panda Fiber for Port 1/3, Hi 1060 Fiber for Port 2 |           |
| 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, ER will be 2dB lower and RL will be 5dB lower.

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

**Package Dimensions**



**Ordering Information**

**APMFWDM-①①①①-②②②-③③③-④**

①①①①: Wavelength

③③③: Fiber Jacket on Port 1, 2 & 3

5598 - 1550nm Pass / 980nm Reflect

B - 250um Bare Fiber

L - 900um Loose Tube

②②②: Connector Type on Port 1, 2 & 3

S - Specify

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

④: Fiber Length

0.8 - 0.8m

S - Specify