

## Filter Type WDM (FWDM)

### Features

Low insertion loss  
High extinction ratio  
High stability & Reliability

### Applications

Fiber Amplifier  
Fiber sensor  
Fiber Laser Marking  
Laboratory R&D

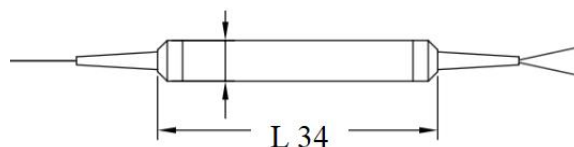
| Parameter                        | 1310/1550       | Unit   |
|----------------------------------|-----------------|--------|
| Pass band wavelength             | 1310±40         | nm     |
| Reflection band wavelength       | 1550±40         | nm     |
| Transmission insertion loss      | ≤0.6            | dB     |
| Reflection insertion loss        | ≤0.4            | dB     |
| Transmission channel isolation   | ≥30             | dB     |
| Reflection channel isolation     | ≥15             | dB     |
| Directivity                      | ≥55             | dB     |
| Return loss                      | ≥50             | dB     |
| PDL                              | ≤0.1            | dB     |
| Insertion loss thermal stability | ≤0.005          | dB/ °C |
| Power handling                   | ≤500            | mW     |
| Operating temperature            | -5 ~ +70        | °C     |
| Storage temperature              | -40 ~ +85       | °C     |
| Dimensions                       | Φ5.5× L34       | mm     |
| Fiber type                       | Corning SMF-28e | -      |

\*The above specifications are without connectors, Other specifications can be made on customer request.

\*\*The specification of filter type multi-mode WDM is based on IEC standard fiber mode filter. If testing without fiber mode filter, IL will be 0.1dB higher

### Mechanical Dimension

Φ5.5



### Ordering Information

| specification           | GCFWDM                                                         |
|-------------------------|----------------------------------------------------------------|
| Package size            | 5.5× 34 etc                                                    |
| Connector               | FC/APC, SC/APC etc                                             |
| Fiber code              | 000=SMF-28e, 001= HI1060, 002=50/125, 003=62.5/125, 999=others |
| Pigtail type            | 0=250um, 1=900um, 2=2mm, 3=3mm, 4=others                       |
| Reflection wavelength   | Specify                                                        |
| Transmission wavelength | Specify                                                        |
| Port                    | Port: 1×2 etc.                                                 |