# Gain Flattening Filter (GFF) -GFF240619

Profile download

## Features

- Low Insertion Loss
- Flat Spectral Gain
- High Stability and Reliability

## Applications

- EDFA
- ASE Laser Source
- Raman Amplifier
- WDM System

RoHS Reach

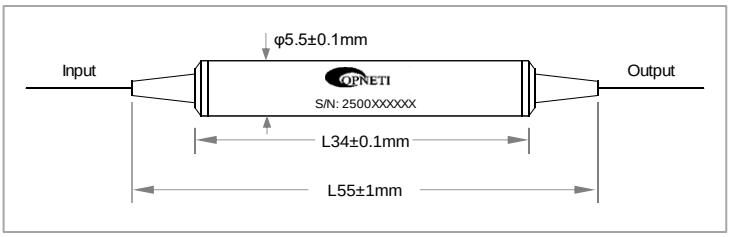
## Specifications

| Parameters | Unit | Values |
|---|---|---|
| Wavelength Range C-band [1] | nm | 1529~1567 |
| Insertion Loss [2] | dB | ≤0.6 |
| Peak to Peak Error Function | dB | ≤0.5 |
| Polarization Dependent Loss for SM Fiber | dB | ≤0.1 |
| Polarization Extinction Ratio (PER) for PM Fiber | dB | ≥23 |
| Return Loss | dB | ≥50 |
| Power Handling CW | mW | 500 |
| Operating Temperature | ℃ | 0 ~ +70 |
| Storage Temperature | ℃ | -40 ~ +85 |
| Fiber Type | | SMF-28e, PM1550 |
| Dimensions | mm | Φ5.5x34 |

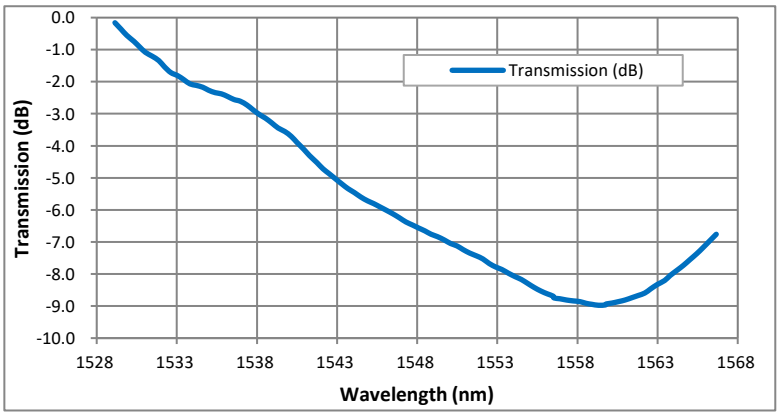
[1] GFF avaliable in L band, 1μm and 2μm range.

[2] Insertion Loss +0.2dB, PER -2dB, Return Loss -5dB if add connector.

## Package Dimensions



## Sample Spectrum




## Ordering Information

**GFF- ①①①-②②②②-③③③-④-⑤-⑥⑥-⑦⑦⑦⑦⑦⑦⑦⑦⑦**

| | | |
|---|---|---|
| ① | Port | 1x1; |
| ② | Wavelength | 1550; |
| ③ | Pigtail Type | 250=250μm Bare Fiber; 900=900μm loose tube; |
| ④ | Fiber Type | 1=SMF-28e; P15=PM1550; |
| ⑤ | Fiber Length | 1=1m; |
| ⑥ | Connector | NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others; |
| ⑦ | Profile | GFF240619; |