

## Isolator + Gain Flattening Filter Hybrid (IGFF)

### Features

- Low Insertion Loss
- High Isolation
- Flat Spectral Gain
- High Stability and reliability

### Applications

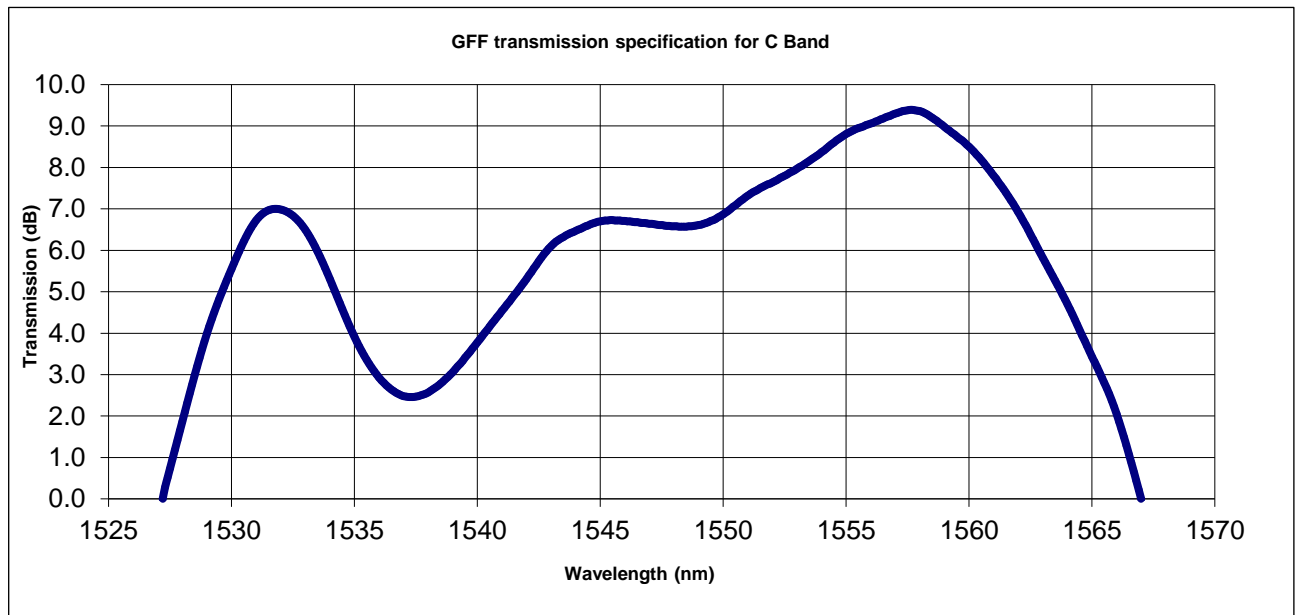
- EDFA
- ASE Light Source

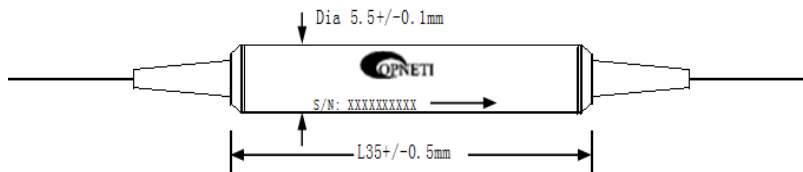
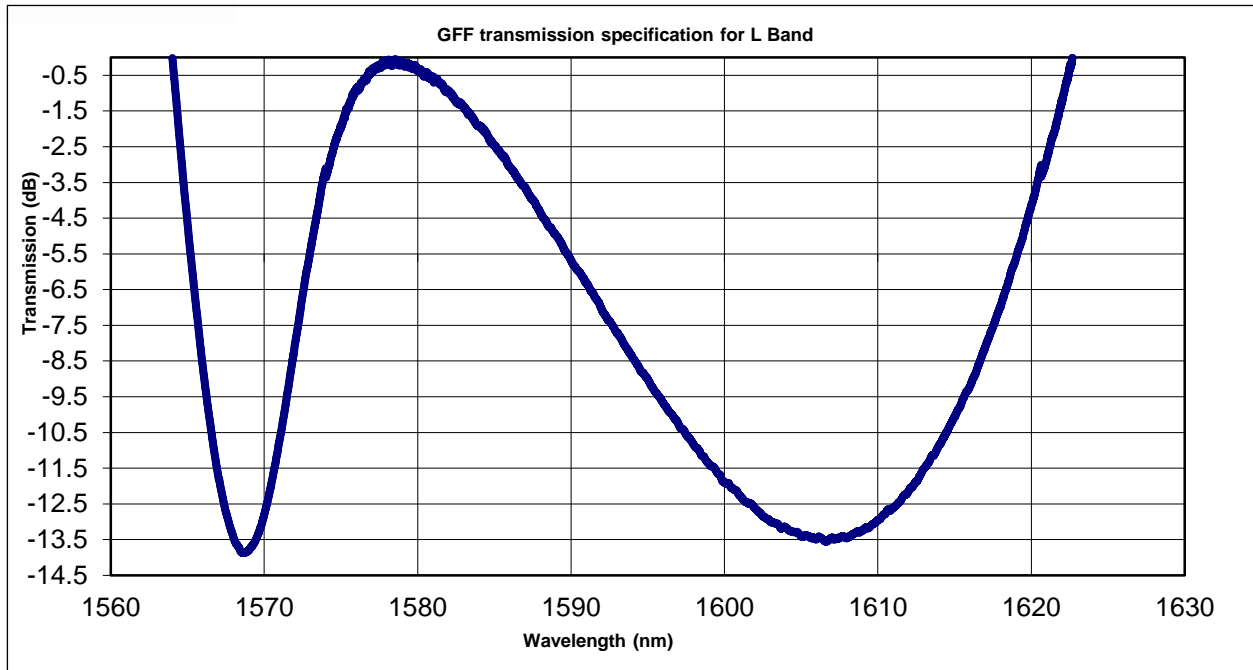
### Specifications

Parameters	Unit	Single stage	Dual stage
Operating Wavelength	nm	1525~1575 (1550) or 1570~1610 (1590)	
Insertion Loss	nm	<1.0	<1.1
Isolation	dB	≥28	≥45
Peak to Peak Error Function	dB	< 0.8 (Typ 0.6)	
Polarization Dependent Loss	dB	< 0.1	
Return Loss	dB	> 50	
Power Handling	mW	≤500	
Operating Temperature	°C	0 ~ +70	
Storage Temperature	°C	-40 ~ +85	
Dimensions	mm	φ5.5xL35	

\*With connectors, IL+0.3dB, RL-5dB.

### Package Dimensions & Optical Spectrum





**Ordering Information**

**IGFF- ①①①①-②-③③③-④-⑤-⑥⑥-⑦⑦-⑩⑩⑩⑩⑩⑩⑩⑩**

①	Center Wavelength	1550; 1590;
②	Stage	S=Single Stage; D=Dual Stage;
③	Pigtail Type	250=250um Bare Fiber; 900=900um Loose Tube;
④	Fiber Type	1=SMF-28e;
⑤	Fiber Length	1=1m;
⑥	Connector	NE=None;FA=FC/APC;FC=FC/UPC;SA=SC/APC;SC=SC/UPC;LC=LC/UPC;ST=ST/UPC;XX=Other;
⑦	GFF Reference No	XX=Other;