

# PRODUCT INFORMATION SHEET

## Gail Flattening Filter (GFF Module)

GFF module is based on proven thin-film filter technology and is used to compensate for the uneven gain amplification at different DWDM channel by Er-doped fiber amplifier (EDFA). We provides two packages: mini type and standard type.

### Features

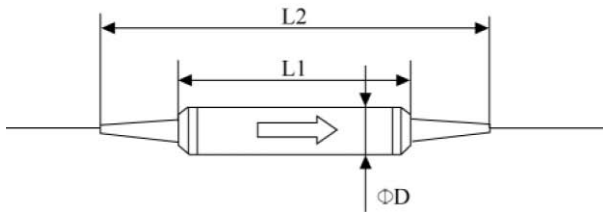
- Accurate Gain Profile Matching
- Low Error Function
- High Reliability
- Both for C-band and L-band



### Applications:

- EDFA for DWDM System
- ASE Source
- Raman Amplifier

### Dimensions:



Standard Size: L1=30mm,L2=50mm,  $\phi D = \phi 5.5\text{mm}$

Mini Size: L1=L2=26mm, ,  $\phi D = \phi 3.8\text{mm}$

### Specifications:

Parameter		Unit	Value
Excessive Insertion Loss(all temperature)	Typ	dB	<0.5
Error Function	Max	dB	0.8
Optical Return Loss	Min	dB	45
Polarization Dependent Loss(PDL)	Max	dB	0.1
Thermal Stability(all temperature)	Max	dB	0.6
Thermal Wavelength Drift	Max	nm/°C	0.0067
Operating Temperature		°C	0 to +60
Storage Temperature		°C	-40 to +85
Package Dimension			Mini & Standard type
Maximum Power Handling		mw	300

### Ordering information:

GFF-①-②

① Size

- 1 – Mini size
- 2 – Standard size

② Fiber type

- 1 – 250um
- 2 – 900um
- 3 – Others