Gain Flattening Filter (GFF) -GFF9600197

Profile download

Features

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

Applications

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

RoHS Reach

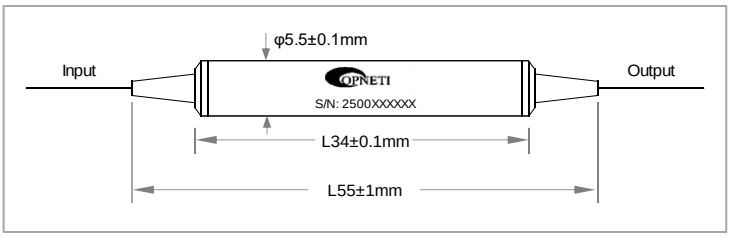
Specifications

Parameters	Unit	Values
Wavelength Range C-band [1]	nm	1529~1561
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

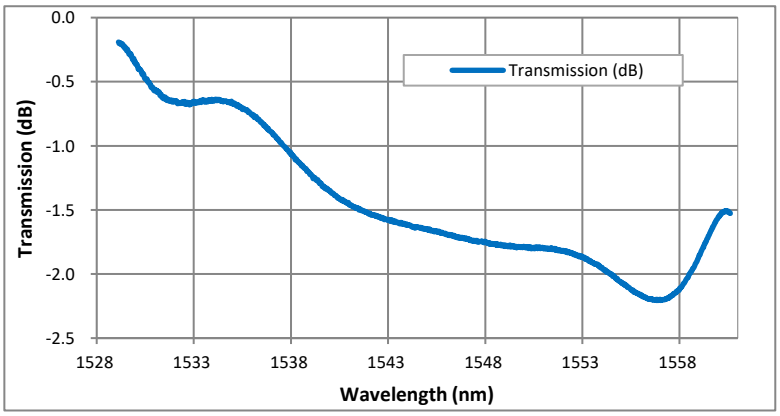
[1] GFF available in L band, 1μm and 2μm range.

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

Package Dimensions



Sample Spectrum



Ordering Information

GFF- ①①①-②②②②-③③③-④-⑤-⑥⑥-⑦⑦⑦⑦⑦⑦⑦⑦⑦⑦

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	GFF9600197;