

Gain Flattening Filter (GFF)

Features

- Accurate gain profile matching
- Low error function
- Optical path epoxy free
- Telcordia compliant
- RoHS compliant

Applications

- EDFA
- Raman amplifier



Main Specifications

Parameter		Specification	Unit
Operating Wavelength Range		C/L-Band	
Excessive Insertion Loss	Typical	0.5	dB
Error Function	Max	0.8	dB
Return Loss	Min	45	dB
Polarization Dependent Loss	Max	0.1	dB
Thermal Wavelength Drift	Max	0.006	nm/°C
Operating Temperature Range		-5~+75	°C
Storage Temperature Range		-40~+85	°C
Maximum Power Handling		300	mW
Package Dimension (L*Ø)		34*5.5 (Standard size) 26*3.0 (Mini size)	mm

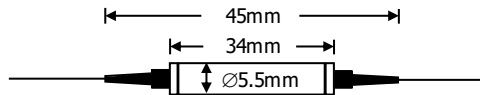
Notes:

- All values referenced without connector.
- If you need any information about other bands, please contact us.

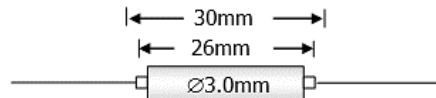


Mechanical Dimensions

Standard Size



Mini Size



Order Information

GFF-A-B-C-D

A	Size	S: standard size M: mini size
B	Pass Band	C: C-Band L: L-Band
C	Fiber Type	1: 250 μm bare fiber 2: 900 μm tight buffer fiber (standard size)
D	Connector Type	0: without connector 1: FC/PC 2: FC/UPC 3: FC/APC 4: SC/PC 5: SC/UPC 6: SC/APC 7: ST 8: LC 9: MU X: customized

Example

Part number of "GFF-S-C-1-X" represents a Gain Flattening Filter (GFF) with:

- standard size
- C-Band
- 250 μm bare fiber
- customized connector

- Please contact our Sales to discuss your specific requirements.

