

Gain Flattening Filter (GFF) Device

Features:

- Low Insertion Loss
- Flat Spectral Gain
- Epoxy-Free in Optical Path
- Telcordia Compliant
- RoHS Compliant

Applications:

- EDFA Systems

Specifications^{1,2}:

Parameter	Unit		Grade "A"
Wavelength Range	C-band	nm	1528~1565
	L-band		1570~1610
Peak Insertion Loss	Max.	nm	0.70
Peak to Peak Error Function	Max.	dB	0.60
Polarization Dependent Loss	Max.	dB	0.10
Return Loss	Min.	dB	50
Fiber Type	Corning SMF-28e		
Fiber Length	Min.	m	1.0
Power Handling	Max.	mW	500
Operating Temperature	°C		0~70
Storage Temperature	°C		- 40~ 85
Package Dimension	mm		(ϕ)5.5 x (L)35 for 250 μ m fiber
	mm		(ϕ)5.5 x (L)39 for 900 μ m fiber

1. All specifications include the effect of operating temperature and all status of polarization..
2. Values referenced without connectors.

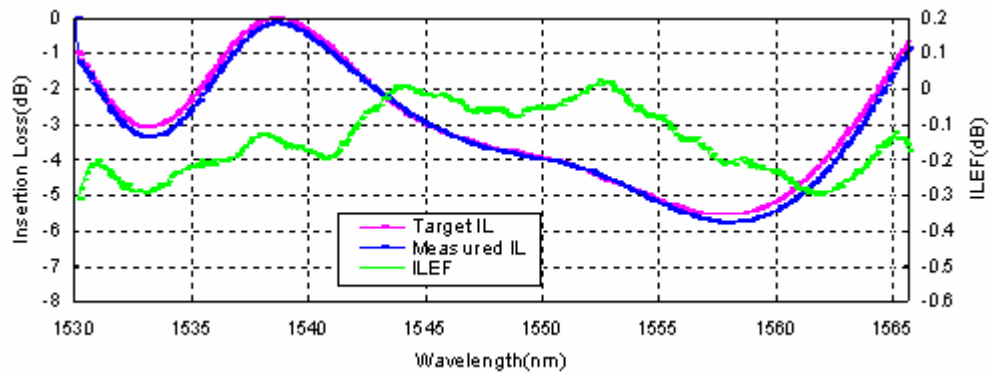


Fig.1 Target curve sample. Customized target curve is also available.

Dimension:

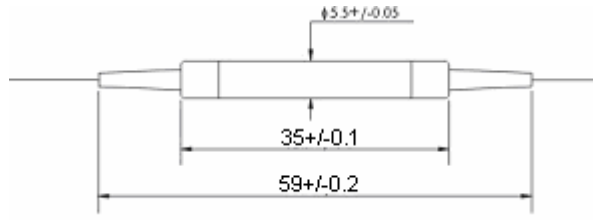


Figure 1. Package A for 250 μm fiber

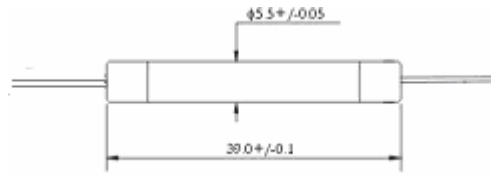


Figure 2. Package B for 900 μm fiber

Order Information:

GFFD - S - XXXX-XXXX - XXXX - XX
| | |
A **B** **C**

A	Wavelength range	1528-1562=wavelength range 1528nm~1562nm
B	Fiber Type	250S=250 μm bare fiber 900L=900 μm loose tube
C	Connector	NN=W/O connector XY=With connector ¹

1. Please specify type of connector when ordering.

X	0	1	2	3	4	5
Mechanical Type	Other	SC	FC	ST	MU	LC
Y	0	1	2	3		
Physical Contact Type	Other	PC	UPC	APC		