



# Gain Flattening Filter / Isolator Hybrid for EDFA

AC Photonics' GFFI for EDFA is a combination of Gain Flattening Filters and 1550 Isolator. The GFFI provide in-line compensation of spectral gain profile of EDFAs WITH excellent performance including high Isolation, Low PDL, and Low PMD. All AC Photonics' products are Telcordia qualification tested.



## Features

- Wide Operating Wavelength Range
- Low Insertion Loss
- High Isolation
- Flat Spectral Gain
- High Stability and Reliability
- Epoxy Free Optical Path

## Applications

- Fiberoptic Amplifiers

## Performance Specifications

Parameter		Single Stage	Dual Stage
Wavelength Range (nm)	C-band	1528 ~ 1565	
	L-band	1570~1610	
Insertion Loss(Max.) (dB)		1	1.1
Peak to Peak Error Function (dB)		0.8(typ.0.5)	
Isolation (dB)		≥28	≥45
PDL (dB)		≤0.1	
Return Loss (dB)		≥50	
Power Handling (mW)		300	
Operating Temperature (°C )		0 ~+70	
Storage Temperature (°C )		-40 ~+85	
Dimensions (mm)		Φ5.5 x L38	

Specifications may change without notice.

## Ordering Information

GFFI	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
	Stage	Wavelength	Pigtail Style	Fiber Length	In/Out Connector
	S=Single Stage U=Dual Stage	15=C-Band 16=L-Band	1=Bare Fiber 2=900um Jacket	1=1m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC

## Dimensions

