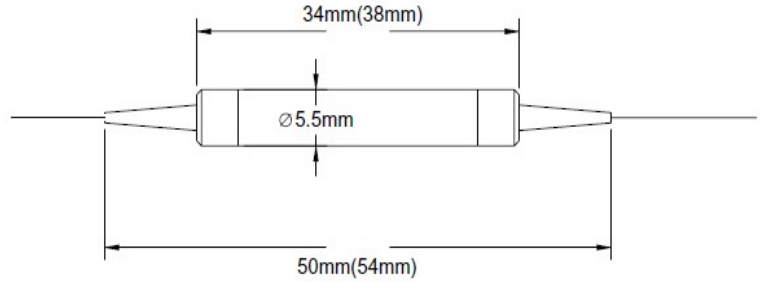




Gain Flattening Filter/Isolator Hybrid for EDFA

DK 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. The Gain Flattening Filters provide in line compensation of the spectral gain profile of EDFAs. This device is used in high-power applications in DWDM systems.

The products are Telcordia GR-1221/1209-CORE qualified, and RoHS compliant.



Features

- ◆ Wide Operating Wavelength Range
- ◆ Low insertion loss
- ◆ Flat Spectral Gain
- ◆ High stability and reliability
- ◆ Epoxy free on optical path

Applications

- ◆ Fiber Optical Amplifier

Performance Specifications

Parameter		Single Stage	Dual Stage
Wavelength Range (nm)	C-band	1528~1565	
	L-band	1570~1610	
Insertion Loss (dB)		< 1.0	< 1.1
Peak to Peak Error Function (dB)		< 0.8(Typ. 0.5)	
Isolation (dB)		> 28	> 45
Polarization Dependent Loss (dB)		< 0.1	
Return Loss (Min.) (dB)		> 50	
Power Handling (mW)		300	
Operating Temperature (°C)		0 ~ +70	
Storage Temperature (°C)		-40 ~ +85	
Package Dimensions (mm)		Ø5.5xL38	

*The above specification is without connector.

**Other specifications can be made on customer request.

Order information

GFFI-①-②-③③-④④-⑤⑤



①	②	③③	④④	⑤⑤
Stage	Wavelength	Fiber Diameter	Fiber Length	Connector
S:Single Stage U: Dual Stage	C:C Band L:L Band	25:250um 90:900um XX: Others	05:0.5m 10:1.0m 15:1.5m XX:Others	00:None FP: FC/PC FA: FC/APC SP: SC/PC SA: SC/APC LP: LC/PC LA: LC/APC ST: ST/PC XX: Others