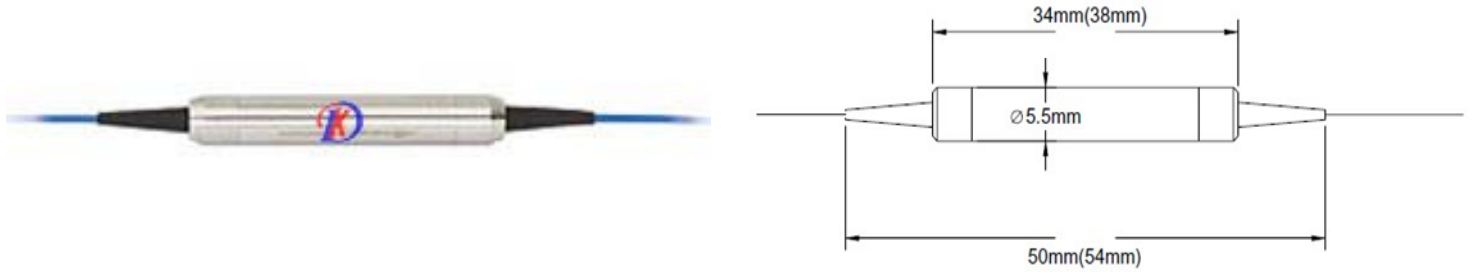




Gain Flattening Filter For EDFA

Gain Flattening Filters for Erbium-Doped Fiber Amplifiers (EDFAs) are based on thin-film filter technology and metal bonding micro-optics packaging. 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	Status
Wavelength Range(nm)	C-band :1528 ~ 1565
	L-band:1570 ~ 1610
Insertion Loss (dB)	≤ 1
Peak to Peak Error Function (dB)	< 0.8
Polarization Dependent Loss (dB)	<0.1
Return Loss (dB)	>55
Maximum Power Handling (mW)	500
Operating Temperature (°C)	0 ~+65
Storage Temperature (°C)	-40 ~+85
Package Dimension (mm)	Ø5.5 x L34(L38 for 900um Jacket)

*The above specification is without connector.

**Other specifications can be made on customer request.

Order information

GFF-①-②②-③③-④④



①	②②	③③	④④
Wavelength	Fiber Diameter	Fiber Length	Connector
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