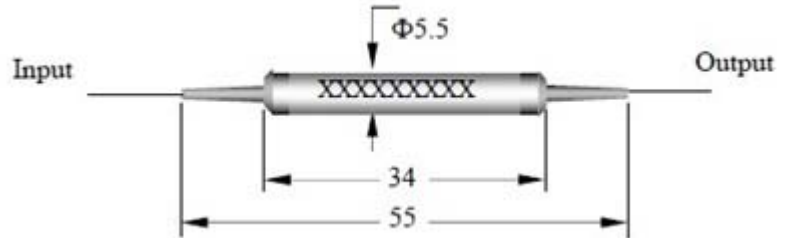




Polarization Maintaining Gain Flattening Filter

The Polarization Maintaining Gain Flattening Filter are characterized with low IL, high return loss, high extinction ratio and excellent environmental stability and reliability. They are ideal for polarization maintaining fiber amplifiers, fiber lasers, high speed communication system and instrumentation applications.



Features

- ◆ Flat Spectral Gain
- ◆ Low insertion loss
- ◆ Excellent stability and reliability

Applications

- ◆ PM EDFA

Performance Specifications

Parameter	Gain Flattening Filter
Wavelength Range(nm)	C-band :1528 ~ 1565
Insertion Loss (dB)	≤0.6
Peak to Peak Error Function (dB)	< 0.5
Polarization Dependent Loss (Db)	<0.1
Extinction Ratio (dB)	≥22
Return Loss (dB)	>50
Maximum Power Handling (mW)	500
Operating Temperature (°C)	0 ~+65
Storage Temperature (°C)	-40 ~+85
Package Dimension (mm)	Ø5.5 x L35

*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower.

* For device with connector, key aligned to slow axis.

Order information

PMGFF-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