

Polarization Maintaining Fiber Gain Flattening Filter Isolator

Features	
Low Insertion Loss、 Flat Spectral Gain High Stability and reliability	
Application	
EDFA	

Specifications

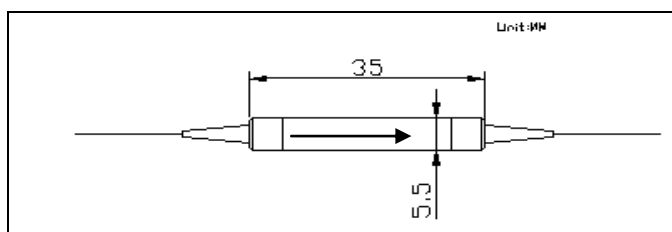
Parameter		Single Stage	Dual Stage
Wavelength Range (nm)		1528~1565	
Insertion Loss (dB)		≤0.8	≤1.0
Isolation (dB)		≥28	≥48
Peak to Peak Error Function (dB)		≤0.55	
Extinction Ratio (dB)	Type B (Both of axis working)	≥20	
	Type F (Fast axis blocked)	≥23	
Return loss (dB)		≥50	
Power handling (mW)		≤500	
Operating temperature (°C)		-5~+70	
Storage temperature (°C)		-40 ~ +80	
Dimensions (mm)		φ5.5×L35(P1)	

*Above specifications are for devices without the connectors.

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

*The PM fiber and the connector key are aligned to the slow axis.

Package Dimensions



Ordering Information

PMGFFI	Wavelength	Isolator Stage Type	Axis Alignment	Pigtail Type	Length	Connector
	1550=1528~1565nm	S= Single Stage D= Dual Stage	F=Fast Axis Blocked B=Both Axis Working	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m 4=4.0m A=2.5m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC