



## Polarization Maintaining Gain Flattening Filter (High Reliability)

### Key Features

- Low Insertion Loss
- High Reliability
- Radiation Resistance  $\geq 100$  Krad

### Applications

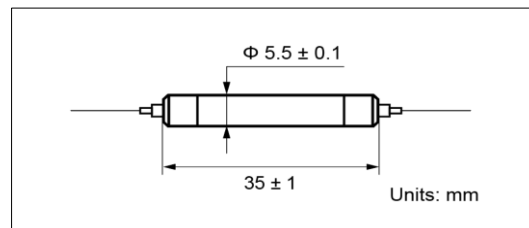
- EDFAs Systems
- Space
- Vacuum Application

### Specifications

Parameter	Unit	Value
Wavelength Range	nm	1527.5 - 1566.0
Max. Peak Insertion Loss	dB	0.6
Peak to Peak in Error Function	dB	0.4
Max. Temperature Dependent Loss	dB	0.15
Min. Extinction Ratio	dB	20
Max. Polarization Mode Dispersion	ps	0.1
Min. Return Loss @ 23°C	dB	48
Max. Optical Power (Continuous Wave)	mW	500
Max. Optical Power for ns Pulse	kW	1
Max. Tensile Load	N	5
Fiber Type		PM 1550 Fiber
Operating Temperature	°C	- 5 to + 70
Storage Temperature	°C	- 40 to + 85

<sup>1</sup>IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

### Package Dimensions



### Ordering Information

PMGFF-①①①①-②-③-④-P-SPA

①①①①: Wavelength  
2766 - 1527.5-1566.0 nm

②: Connector Type  
1 - FC/UPC  
2 - FC/APC  
N - None

③: Fiber Jeckey  
B - 250  $\mu$ m Panda Fiber  
L - 900  $\mu$ m Loose Tube  
S - Specify

④: Fiber Length  
1. 1.0 m  
S - Specify