



Gain Flattening Filter

FEATURES

- Wide Operating Wavelength Range
- Low Insertion Loss
- Flat Spectral Gain
- High Stability and Reliability
- Epoxy Free Optical Path

APPLICATION

Fiber optic Amplifiers

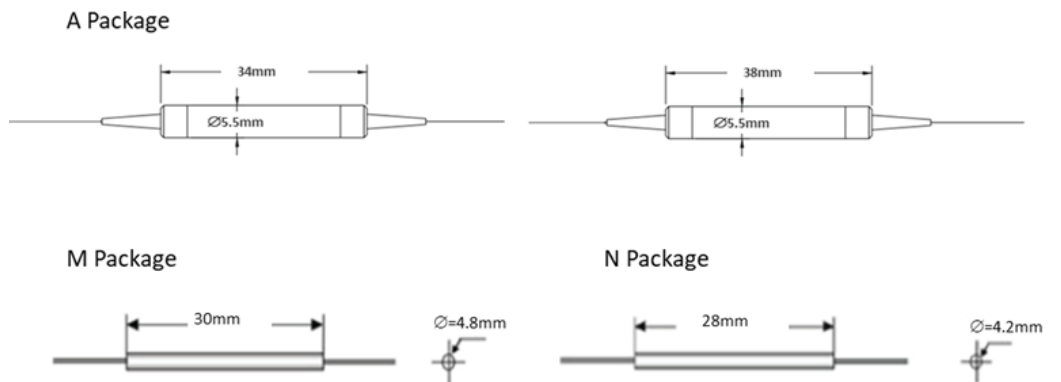
PERFORMANCE SPECIFICATIONS

| Parameter | Specifications |
|-----------------------------------|--|
| Type | Standard |
| Operating Wavelength | C-Band: 1528 -1565nm or custom; L-Band: 1570 – 1610nm or custom |
| Insertion Loss | ≤ 0.60dB |
| Modulation Depth | 1 - 3dB 3.1 - 6dB |
| Peak to Peak Error Function | ≤ 0.50dB ≤ 0.80dB |
| Polarization Dependent Loss (PDL) | ≤ 0.10dB |
| Return Loss | ≥ 50dB |
| Optical Power | ≤ 500mW |
| Operating Temperature | 0 to +70°C |
| Storage Temperature | -40 to +85°C |
| Package Dimensions | A=Standard, Ø 5.5 x L34mm for bare fiber Ø 5.5 x L38mm for 900um fiber M=Compact, Ø4.8xL30 (250um bare fiber) N=Mini, Ø4.2xL28 (250um bare fiber) |

All values referenced are without connector.

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MECHANICAL DIMENSIONS



PORT CONFIGURATIONS



ORDERING INFORMATION

| GFF | Operating Wavelength | Package | Fiber Type* | Pigtail Style | Fiber Length | In Connector | Out Connector | Modulation Curve Code |
|-----|----------------------|-------------------|----------------------------|--------------------|--------------|--------------|---------------|-----------------------|
| | C=C band | A=A package | 2=SMF-28 Ultra | 1=Bare fiber | 05=0.5m | 0=None | 0=None | |
| | L=L band | M=Compact Package | (G.657.A1) | 2=900um loose tube | 10=1.0m | 1=FC/APC | 1=FC/APC | |
| | | N=Mini Package | 3=ClearCurve ZBL(G.657.B3) | | · | 2=FC/PC | 2=FC/PC | |
| | | | | | · | 3=SC/APC | 3=SC/APC | |
| | | | | | · | 4=SC/PC | 4=SC/PC | |
| | | | | | 20=2.0m | 5=ST | 5=ST | |
| | | | | | | 6=LC/UPC | 6=LC/UPC | |
| | | | | | | 7=LC/APC | 7=LC/APC | |

*1=SMF-28(G.652) is available upon request.