

Gain Flattening Filter Device

Features

- Wide operating wavelength range
- Low insertion loss
- Flat spectral gain
- High stability and reliability
- Telcordia qualification compliant



Application

- Fiber optical amplifiers

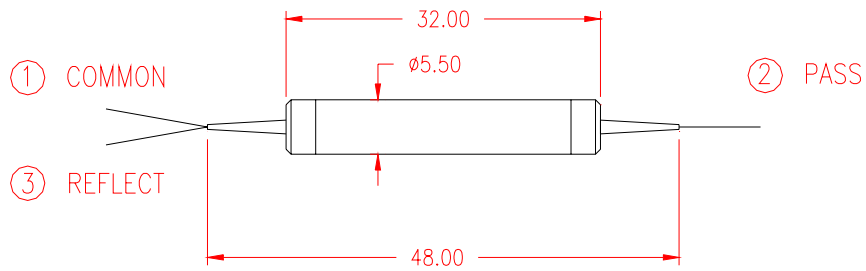
Specifications

Parameter		Unit		GFF Serials
Wavelength Range	C band	nm	-	1528-1565
	L Band	nm	-	1570-1610
Insertion Loss		dB	Max	1.0
Peak to Peak Error Function		dB	Max	0.8
Polarization Dependent Loss (PDL)		dB	Max	0.1
Return Loss (RL)		dB	Min	50
Power Handling		mW	Max	500
Operating Temperature		°C	-	-5 ~ 65
Storage Temperature		°C	-	-40 ~ 85
Tensile Load		N	Max	5
Package Dimension		mm	-	Φ5.5x32 mm for 250um bare fiber Φ5.5x38 mm for 900um loose tube

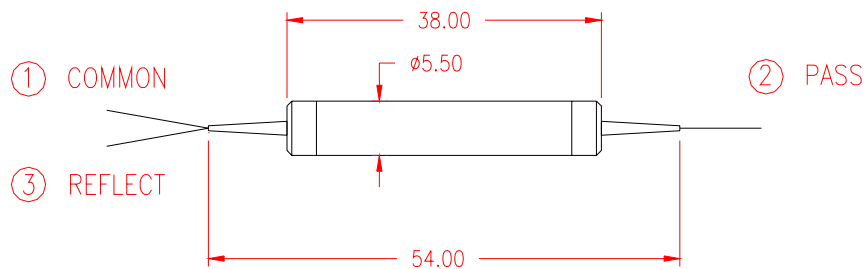
- (1) Values referenced without connector loss. Operating temperature and all state of polarization effects are considered.
- (2) Customized spec is available.
- (3) Customized package size is available.
- (4) C specify – Customer specify.

Package dimension

P1: SMF-28 bare fiber



P2: 900 μ m loose tube



Ordering Information

GFFD — —

Wavelength Range	Band	Error Function	xxx	Fiber Type	Fiber Jacket	Fiber Length	Connector Type
C- C band L- L band	B-Blue band R-Red band A -All band	1-0.8dB 2- 0.6dB 3- 0.5dB 4 -0.3dB	000	1 – Corning SMF 28	1 – 250 μ m 2 – 2 mm 3 – 3 mm 6 – 1.6 mm 9 – 900 μ m	1 $\geq$ 1m X – C Specify	0 – None 1 – FC/UPC 2 – FC/APC 3 – SC/UPC 4 – SC/APC 5 – LC 6 – MU X – C Specify

i.e. : **GFFD-CA1000-1915**

GFFD –Gain Flattening Filter Device, C band, 0.8dB Error function – Corning SMF 28 fiber, 900 μ m diameter, 1 m pigtail length, LC connectors.

Contact Information

For more information about BATi's' leadership in variable optical attenuation and modulation technology and other optical networking modules and components, visit our website at www.bostonati.com.

To obtain additional technical information or to place an order for this product, please contact us at:

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