



Gain Flattening Filter + Isolator (High Reliability)

Description

GFFI is a hybrid component which combine with GFF and isolator. It away used in EDFA system to flatten the sepctral gain and isolation the reflecting light. This component is charaterized with low error function, low insertion loss and high return loss,high isolation, excellent environmental stability and high power handling capability.

Key Features

- High Reliability

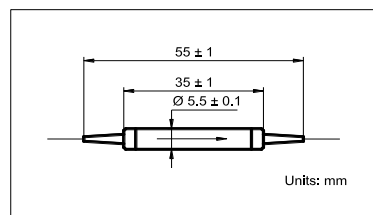
Applications

- Submarine Optical Fiber Communication

Specifications

Parameter	Unit	Single Stage	Dual Stage
Wavelength Range	nm	1527.99.2 - 1567.95	1527.99.2 - 1567.95
Max. Peak Insertion Loss	dB	0.5	0.6
Peak to Peak in Error Function	dB	0.5	0.5
Min. Isolation, 1527.99 - 1567.95 nm, 23 °C	dB	28	40
Max. Peak Polarization Dependent Loss	dB	0.1	0.1
Min. Return Loss	dB	50	50
Max. Polarization Mode Dispersion	ps	0.05	0.05
Max. Optical Power (Continuous Wave)	W	1	1
Max. Tensile Load	N	5	5
Fiber Type		SMF-28 Ultra Fiber 200 Kpsi	SMF-28 Ultra Fiber 200 Kpsi
Operating Temperature	°C	0 to + 45	0 to + 45
Storage Temperature	°C	- 40 to + 85	- 40 to + 85

Package Dimensions



Ordering Information

GFFI-①①①①-②-③-④-⑤-⑥-SUB

①①①①: Wavelength

2767 - 1527.99-1567.95 nm

S - Specify

②: Stage Type

1 - Single Stage

2 - Dual Stage

③: Connector Type

N - None

④: Fiber Type

B - 250 µm Bare Fiber

L - 900 µm Loose Tube

S - Specify

⑤: Fiber Length

1 - 1.0 m

S - Specify

⑥: Filter Installation

I - Input Side