Gain Flattening Filter Isolator

Gain Flattening filters (GFF) are used in amplifiers to create an output where the spectral power is the same at any wavelength. Our GFF for EDFA are based on thin-film filter technology and metal bonding micro-optics packaging. Designed for compact and easy installation, it eliminates splices and extra fiber routing with reduced loss. The products meet the Telcordia GR-1221-CORE.

Features:

- High Stable and Reliable
- Compact Design
- Optical Path Epoxy-free

Applications for our Isolator:

- EDFA
- Raman Amplifiers

Specifications

Parameter	Unit	Value
Wavelength		C, L or S band
Insertion Loss		GFF target profile dependent
Error function	dB	+/-0.5
Return loss	dB	55 (Min.)
Isolation	dB	30 (Min.)
PDL	dB	0.1 (Max.)
PMD	ps	0.2 (Max.)
Operation temperature	°C	-10 ~ +65
Storage temperature	°C	-30 ~ +85
Optical power	mW	300 (Max.)
Package dimension	mm	Diam. 5.5x34

ISO type: PIS (Single Stage), PID (Dual stage), LPMD (Low PMD)

Fiber diameter: 250um, 900um

Fiber length: 1m, customer request

Input/output: no connector, FC/PC, FC/APC, SC/PC, SC/APC

We have unbeatable low price for this product.