

Gain Flattening Filters (GFF)

Description

Browave's Gain Flattening Filters (GFF) are designed with thin film based technology. The Gain Flattening Filters provide inline compensation of the spectral gain profiles of EDFAs. Patented package technology for GFF thermal wavelength control and ILEF adjustment. The Browave thin film GFF offers an excellent match to the target loss profile with minimal loss and error.



Features

- ▶ Accurate gain profile matching
- ▶ Low error function
- ▶ Excellent stability and reliability
- ▶ Epoxy-free optical path
- ▶ Telcordia compliant
- ▶ RoHS compliant

Application

- ▶ EDFA
- ▶ Raman amplifier

Specification

Parameter	Unit		Standard Compact	2-in-1 Compact
Operating Wavelength Range	nm		C / L Band	C / L Band
Excess Insertion Loss	Max.	dB	0.5	0.6
PPEF	Max.	dB	0.5	0.6
Return Loss	Min.	dB	45	45
Polarization Dependent Loss	Max.	dB	0.1	0.15
Thermal Wavelength Drift	Max.	nm/°C	0.003	0
Optical Power	Max.	mW	500	500
Operating Temperature	°C		-5 ~ +75	-5 ~ +75
Storage Temperature Range	°C		-40 ~ +85	-40 ~ +85
Fiber Type *	-		250um bare fiber	250um bare fiber
Package Dimension (DxL)	mm		3.8 x 34 3.2 x 34	3.8 x 36.5

* 900um loose tube fiber available and connectorized process available

