

0505 Gain Flattening Filter

GFF1006



Thin Film Based C-band Gain Flattening Filter: 1530 nm to 1560 nm, 2 Ports

This Gain Flattening Filter (GFF) is designed and fabricated using thin film technology. It offers low loss, broad spectral range, and stable temperature performance. Applications include gain compensation for multi-channel EDFAs and ASE light sources.

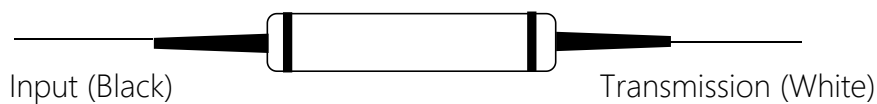
FEATURES

- Low Insertion Loss
- Broad Spectral Range
- Stable Temperature Performance

USE IN

- Gain Compensation for Multi-channel EDFAs
- ASE Light Sources

FUNCTIONAL DIAGRAM



Wavelength Range	1530 nm to 1561 nm
IL/Frange	0.26 dB
Excess Loss	0.35 dB
PDL	0.01 dB
Return Loss	62 dB
Pigtail Length	1.5±0.2 m
Pigtail Style	250 µm Bare Fiber
Fiber Type	Corning SMF-28
Max. Power Handling	300 mW min.
Operating Temperature	-5°C to +70°C
Storage Temperature	-40°C to +85°C
Package Dimension	5.5(F)x34(L) mm