

0705 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/Fringe	0.3 dB max.
Excess Loss	0.4 dB max.
PDL	0.1 dB max.
Return Loss	50 dB max.
Fiber Type	SMF-28, 250 μ m
Power Handling	300 mW min.
Operating Temperature	-5°C to +70°C
Storage Temperature	-40°C to +85°C
Package Dimension	5.5x5.5x34 mm

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.
1) Connector FC/APC, 900 μ m, 1 m by default for all devices except for high power devices.
2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.