0505 Gain Flattening Filter

GFF1000

Thin Film Based C-band Gain Flattening Filter: 1530 nm to 1560.75 nm, 4 dB Correction, 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.
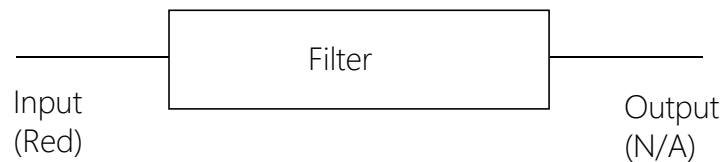
FEATURES

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

USE IN

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

FUNCTIONAL DIAGRAM

Input (Red) — Filter — Output (N/A)

Insertion Loss: Input-Output, 1530 nm to 1560.75 nm	1.00 dB max.
Error Function: Input-Output, 1530 nm to 1560.75 nm	0.70 dB max.
PDL: Input-Output, 1530 nm to 1560.75 nm	0.10 dB max.
Return Loss, Input	50.00 dB min.