

# 0705 Gain Flattening Filter

GFF1004



## Thin Film Based C-band Gain Flattening Filter: 2 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



Variance within $\pm 0.1$ dB	95% min.
Variance within $\pm 0.15$ dB	1%
Filter Insertion Loss	0.5 dB max.

**Order notes to our customers:** The default parameters are as follows. For special needs, please contact sales.

**1) Connector FC/APC, 900  $\mu$ 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.**