

## 0505 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%
Variance within $\pm 0.15$ dB	1%
Filter Insertion Loss	0.5 dB max.