

Gain Flattening Filters



Standard Product	IXC-GFF	IXC-iXTraGFF
Operating band	C, L or C+L	C, L or C+L
Excess loss (dB)	≤ 0.5	≤ 1
Typical error function (dB)	+/- 0.2	+/- 0.1
Return loss (dB)	N/A	> 25
PDL (dB)	< 0.1	< 0.1
PMD (ps)	< 0.05	< 0.05
Thermal stability (pm/°C)	< 2	< 1
Package size (mm)	5 x 5 x 55	5 x 5 x 55
Fiber type	SMF-28, 2 Cladding Mode Free (CMF) Fiber, PM 15, ...	

KEY FEATURES

- C & L Band
- Weak error function
- Low excess insertion loss
- Low PDL & PMD
- Custom design
- Telcordia qualified package

- High flexible process allowing fast prototype delivery time
- FBG technology achieves low systematic errors
- Chirped and Slanted (iXTra) performed on internal specialty fiber to achieve high return loss and low high frequency ripple

APPLICATION

- Optical amplifier gain flattening
- ASE source flattening
- Cleanup filters
- ASE noise removing
- Other diameters or custom design on request

