

Slant Fiber Grating for Gain Flattening Filter (GFF)



Parameters	Unit	Performance
Bandwidth (*1)	nm	38
Loss Deviation (*1)	dBp-p	0.2
Maximum Reflection	dB	25 – 30
Minimum Insertion Loss	dB	0.6 (Include splice loss to SMF)
Temperature Sensitivity	nm/°C	0.01
Chromatic Dispersion	ps/nm	-1.0 - +1.0
Polarization Dependent Loss	dB	< 0.1 (Typ. 0.08)
Polarization Mode Dispersion	ps	< 0.05

Features

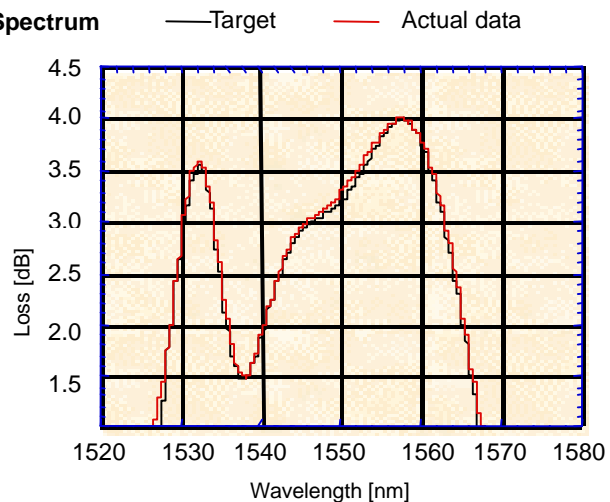
- ✧ Arbitrary Loss Shape
- ✧ Low Loss Deviation
- ✧ Wide Equalizing Bandwidth
- ✧ Low Reflection
- ✧ High Reliability

Application

- ✧ High Reliability
- ✧ Gain Flattening for EDFA

(*1) Operation bandwidth and loss deviation depend on a target loss spectrum.

Loss Spectrum



Loss Deviation

