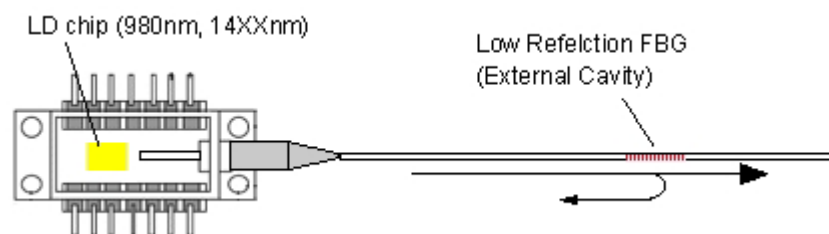


Pump LD Wavelength Stabilizer



Pump LD wavelength stabilizer is used for external cavity of pump Laser Diode.
980nm and 1420-1490nm wavelength ranges are available.

Features

- ◇ Compact Size (Same diameter as fiber itself)
- ◇ High Reliability
 - Comply with Telcordia GR-1209/1221 requirements
- ◇ Polarization Maintaining (Optional)

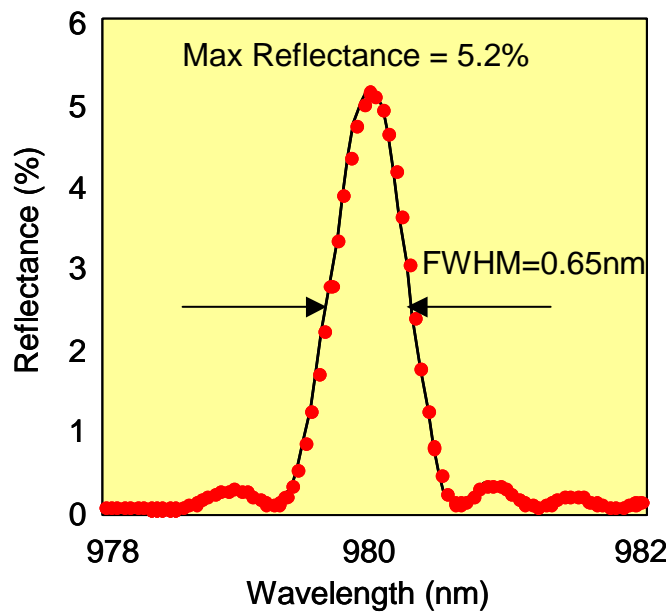
Applications

- ◇ 980nm LD stabilizer (EDFA)
- ◇ 14xxnm LD stabilizer (Raman)

Parameters	Unit	Performance
Wavelength	nm	980 / 14xx wavelength band (Other wavelength is available)
Peak Reflectivity	%	1 – 15
Bandwidth	nm	0.5 – 3.0
Spectral SMSR	dB	> 10
Insertion Loss	dB	< 0.2
Temperature Sensitivity	nm/°C	0.008 @980nm / 0.013 @1480nm (Typ.)
Operating Temperature	°C	0 – 70
Storage Temperature	°C	-20 – 80
Fiber Diameter and Coating	μm	250μm or 400μm UV cured acrylate resin
Fiber Type	-	Fujikura SM (Corning SMF-28™ compatible) Fujikura PANDA Fiber (SM-98P, SM-14P) Corning CS980 / Compatible
Packaging	-	Recoat (250μm, 400μm)

*SMF-28 is a trademark of Corning.

Example of reflection spectrum



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Specifications subject to change without prior notice