

Pump LD

Wavelength

Stabilizer



Features

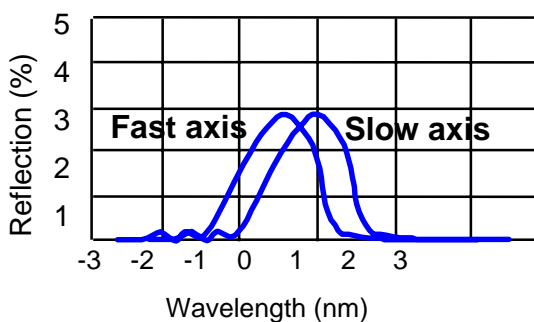
- ◇ Compact Package
- ◇ High Reliability
- ◇ Polarization Maintaining (Optional)

Application

- ◇ High Reliability
- ◇ Gain Flattening for EDFA

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

Parameters	Unit	Performance
Wavelength	nm	980 / 1480 / 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
Operating Temperature	°C	0 – 70
Storage Temperature	°C	-20 – 80
Fiber Diameter and Coating	μm	250μm, 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)



Typical reflection spectrum (PANDA-fiber type)