

0901 980 nm Pump

PL-980-310



980 nm Pump Laser Diode, 310 mW Kink Free, TEC, FBG

The lasers are designed as pump sources for EDFA applications. Processes and techniques of coupling the fiber to the laser allow high output powers that are very stable with both time and temperature.

FEATURES

- Double Fiber Bragg Grating Wavelength Stabilization
- High Output Power to 310 mW Kink Free
- Single-mode Fiber Pigtail
- RoHS Compliant
- Hermetically Sealed 14-pin Butterfly Package
- Telcordia GR-468-CORE Compliant
- Field Proven High Reliability
- Internal Thermoelectric Heatpump and Monitor PD

USE IN

- Low Noise EDFAs
- HFC Applications
- DWDM EDFAs

LD & Case Temp.	25°C
Peak Wavelength	976.27 nm
I _{th}	16 mA
I _{op}	398.1 mA@220 mW
I _{mon @ I_{op}}	1.348 mA
I _{max}	435.8 mA@EOL
η	0.6 mW/mA
TEC Volts @ 950 mW	2.38 V@75°C
TEC Current @ 950 mW	1.91 A@75°C
Thermister Resistance	10 KOhm@25°C