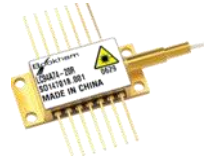


0901 980 nm Pump

PL-980-220



980 nm Pump Laser Diode, 220 mW Kink Free, TEC, FBG

These lasers are designed as pump sources for Erbium-Doped Fiber Amplifier (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 220 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	976.28 nm
I _{th}	18 mA
I _{op}	429.6 mA
I _{mon} @ I _{op}	1.525 mA
I _{max}	471.4 mA
η	0.54 mW/mA
TEC Volts @ 950 mA	2.37 V@75°C
TEC Current @ 950 mA	1.89 A@75°C
Thermister Resistance	9.95 kΩ@25°C