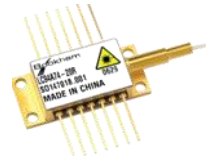


## 0901 980 nm Pump

PL-980-280



### 980 nm Pump Laser Diode, 280 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 280 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

Laser Type	MQW
Center Wavelength	974±1 nm
Fiber Bragg Grating	Yes
Output Power	280 mW Kink-free min.
Operation Current	550 mA max.
Spectral Width	1 nm max.
TEC Cooled	Yes
Internal Back-Facet Monitor	PIN Diode
Built-in Thermistor	Yes
Package Type	14-pin Butterfly
Fiber Type	Single Mode
Operation Temperature	-20°C to +75°C
Qualifications	Telcordia GR-468-CORE