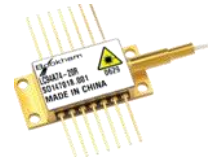


## 0901 980 nm Pump

PL-980-340



### 980 nm Pump Laser Diode, 340 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 340 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                | 340 mW Kink-free min. |
| Operation Current           | 600 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 |