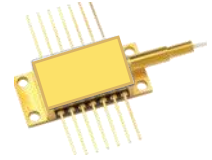


1001 980 nm Pump

PL-980-560



980 nm Pump Laser Diode, 560 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 560 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

@25°C

| | |
|----------------------------|-----------------|
| Operating Power | 365 mW |
| Operating Current | 711.35 mA |
| Kink-free Current | 1091 mA |
| Kink-free Power | 570 mW |
| Threshold Current | 47.4 mA |
| Forward Voltage @ IMAX | 1.65 |
| Monitor Dark Current | 0.7 nA |
| Monitor Responsivity | 3.23 μ A/mW |
| RMS Centre Wavelength | 973.98 nm |
| RMS Spectral Width @ 13 dB | 0.2 nm |
| TEC Voltage @ 1000MA, 75°C | 2.35 V |
| TEC Current @ 1000MA, 75°C | 1.43 A |
| Thermister Resistance | 9.88 KOhm |

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.

1) Connector FC/APC, 900 μ m, 1 m by default for all devices except for high power devices.

2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.