Laser Diode Technologies

980nm Fiber Bragg Grating Stabilized 200mW Pump Laser

The PL980P200 consists of a field proven 980nm quantum-well laser chip in a 14-pin butterfly package with an integrated thermo-electric cooler and monitor photodiode.

These 200mW modules are designed to operate as pump sources for erbium-doped fiber amplifiers (EDFAs). The package includes a fiber Bragg grating which ensures the wavelength stability of this high power pump laser. The main application for this laser is for the construction of EDFAs for use in WDM systems, for use in pre-amps for broadband CATV networks and for use in metro networks.

FEATURES
- Output Power: 200mW at Fiber Output
- Fiber Bragg Grating Wavelength Stabilized
- Internal Thermo-Electric Cooler
- Monitor Photo Diode
- Epoxy/Flux Free Design
- Single Mode Fiber Pigtail
- Compact, Low Profile 14-pin Butterfly Package
- Telecordia GR-468-CORE Qualified
- FC/APC Fiber Connector with HI1060 Fiber

APPLICATIONS
- Optical Amplifier System
- EDFAs
- DWDM EDFAs
- CATV Networks
- Metro Area Network

Pin Connection (Top View)

Fiber Collimation/Coupling Packages

See Page 834 for more details...