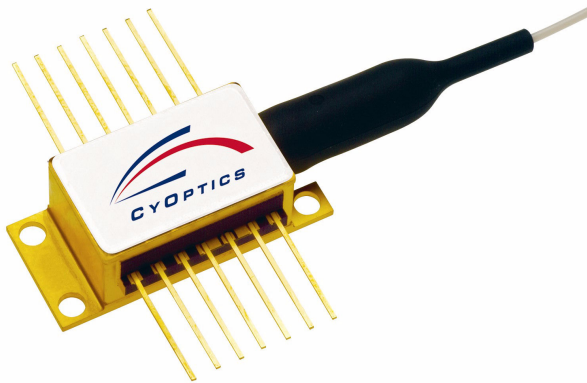


Wavelength-Selectable High-Power D2547P-Type CW DFB Laser Module



Featuring wavelength selection to the DWDM ITU-T grid, the D2547P Laser Modules are ideally suited for use with external lithium niobate modulators, and in high-power (20 mW) applications.

Features

- High-performance, multi-quantum-well (MQW), distributed-feedback (DFB) laser
- D2547P-Type is offered on 100 GHz ITU grid wavelengths ranging from 1528.77 nm—1610.06 nm
- Polarization-maintaining fiber pigtail
- For use with lithium niobate modulators
- High optical power (20 mW, CW)
- Hermetic, 14-pin package

Applications

- Telecommunications:
 - Dense WDM
 - SONET/SDH OC-192/ STM-64
 - Extended and ultra-long reach
 - Undersea systems
- Digital video

Description

The D2547P-Type DFB laser module is designed for use with an external lithium niobate modulator and also in applications where high power (20 mW) is required.

The laser comes packaged in an industry-standard 14-pin butterfly module with a polarization-maintaining fiber pigtail.

Temperature-stabilized with a thermoelectric cooler (TEC) and thermistor, the package is available in C and L band ITU-T grid wavelengths on a 100 GHz spacing plan.

D2547P does not contain a wavelength locker, which is not needed for high-reliability operation in 100GHz-spaced applications.

**For full product datasheets and other information,
please contact us at: sales@cyoptics.com**