

High Power Continuous Wavelength Laser



Description

High Power CW Laser

DenseLight's range of CW lasers offers customers platform agnostic solutions, whether it is the traditional gold box based transceivers or for customers wanting to bond the laser source onto Silicon Photonics platforms to customers who want to mount the lasers on to Laser Micro Packages.

Designed and grown at our Wafer Fab in Singapore, these proprietary InP based MQW CW lasers come in both Ridge based and BH versions.

Having our own FAB enables to customize these devices - from higher operating temperatures, to enabling flip chip capability, and growing MFAs for efficient coupling.



Features & Benefits

High Power CW Laser

- Output power up to 70mW @ 75C
- Both Ridge and BH versions available
- SMSR > 30dB
- CWDM 4 range available
- Tuned for CW transmission, customizable for SiP platforms



Product Specifications

High Power CW Laser

- Centre wavelength of 1271 / 1291 / 1311 / 1331 nm from -5 to 75°C
- Uncooled operation from -5 to 75°C
- Power of 70mW at 75°C, 360mA
- Typical SMSR 35dB

Why DenseLight?



Established Manufacturing facility since 2000.



Integrated Light Module (driver + light source) production lines in Singapore for assembly of ASE & Wind Lidar Seed Lasers.



Wafer Fabrication, assembly & testing plant in Singapore.



150+ customers in 26 countries.

Get in Touch



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