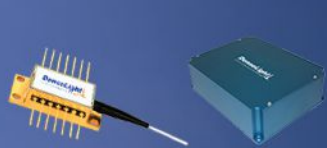


Light Sources for Wind Lidar



DL-CLS Series

Narrow Linewidth Laser Modules

DenseLight DL-CLS series is a cooled ultra narrow linewidth laser in BTF package with a single frequency emission.



BF Series

Integrated Light Modules

DenseLight DL-BF9 Integrated Light Module is a series of ultra narrow linewidth laser designed for applications such as Wind Lidar sensing.



Product Specifications

DL-CLS

- Lasing wavelength of 1550nm, 1560nm
- Minimum 10mW CW operation
- Minimum SMSR of 45dB
- Linewidth of < 50-200Khz
- Internal thermoelectric cooler and thermistor
- Designed for 155/622Mbps operation
- RoHs Compliance



Product Specifications

DL-BF9C

- Typical ultra-narrow linewidth < 50-200KHz
- Typical 10mW (Up to 20mW) CW Power
- Excellent relative intensity noise (RIN) < -140dB/Hz (for power > 10mW)
- Excellent minimum SMSR > 45dB
- Wavelength stability: +/- 1pm @ 25 Deg C
- Integrated laser driver and temperature controller

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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