World-Class
Opto-Electronic Components

Telecom Products

OTDR Lasers @ 850, 1310, 1550, 1625 & 1650nm
- High peak optical powers
- Excellent wavelength stability over temperature
- High reliability laser welded construction
- Lead free & RoHS compliant
- Fully Hermetic Packaging

OTDR Combiner & TriBiner
- Combines 2 or 3 wavelengths
- Single output fiber - Red laser available
- Ideal for handheld OTDR

DFB Lasers
- 1310, 1650nm - Optically isolated
- PM fiber option

PINFET Optical Receiver Modules
- High sensitivity - Wide dynamic range
- Hermetic package - 850-1650nm operation

FP Lasers & LEDs @ 850nm to 1650nm
- Edge emitting LED @ 1300nm
- High stability fiber coupling
- TEC & back facet monitor options

Airpak Tx and Rx Modules
- SONET OC1 & OC3 transmitters
- SONET OC1, OC3 & OC12 receivers
- High loss budget links

Applications for the above items include: Test Equipment & Optical Sensors, Optical Time Domain Reflectometers, Talk Sets, Sensor & Position Indications, DWDM Network

High Power Products

1550nm Pulsed Laser Diode w/Integrated Micro Lens
- Beam Divergence Equivalent in both Axis
- Robust environmental survival capacity
- Higher coupling efficiency into standard spherical systems

TCW RGB TriBiner Visible Laser
- Wavelengths: 450nm, 520nm, 638nm
- Additional fiber pigtail options available

1550nm Pulsed Laser Diodes (Eye Safe)
- Single & Multi-Junction versions
- Stacked Multi-Junction versions up to 100 Watts

850nm & 905nm Pulsed Laser Diode
- Single junction versions up to 140 Watts
- Multi-Junction stacked lasers up to 375 Watts
- High efficiency & low drive currents - Stable output from -40°C to +85°C

InGaAs APD Devices
- 75um and 200um active areas
- Responsivity from 850nm to 1700nm
- Multiple Packaging Options

Applications for the above items include: Photo-dynamic Therapy, Missile Fuse & Weapon Simulation (Cloud Height), Range Finding & Surveying

OSI Laser Diode, Inc. has been a premier supplier of opto-electronic components and systems for over fifty years. Call today or visit our website for more information on OSI Laser Diode's wide range of products.

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