



High Power Tunable Laser Source

Description

The new tunable laser light source with model number **OETLS-200** from O/E Land inc. is a compact manual tunable laser for sensing, test and measurement, and telecommunication applications. Based on our patent tunable fiber Bragg grating technology, the new tunable laser source can provide more than 70 mW of optical output power with continuous tuning wavelength. It has a tuning range up to 20 nm within 1530-1620 nm & 1030-1080 nm. This tunable laser source also has a narrow linewidth of less than 0.02nm, which is necessary for many applications in telecommunication, sensor, biomedical and instrumentation et al.

Key Features

- More than 70 mW optical output power via single mode fiber
- Continuous tuning range up to 20nm
- High quality narrow linewidth of less than 0.02nm
- High wavelength stability
- Up to 0.05 nm wavelength tuning resolution
- More than 60 dB Isolation
- Select your wavelength range tunability (1530-1620 nm & 1030-1080 nm)
- Low cost & compact solution

Specifications

Optical Parameters

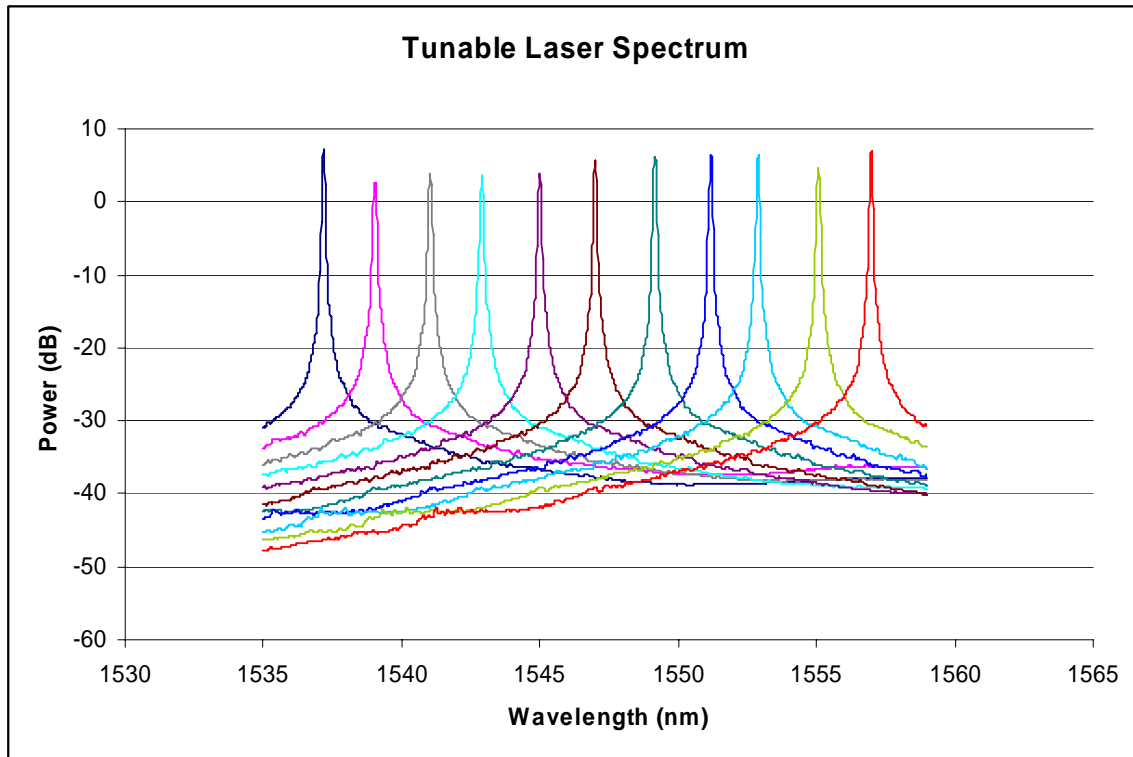
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|---------------------------|----------------------------|
| Wavelength range | 1520-1630 nm, 1020-1090 nm |
| Tunable range | > 15 nm |
| Optical Output Power | > 70 mW |
| Laser Line Width | < 0.02 nm |
| Wavelength Resolution | 0.05 nm |
| Signal to ASE Noise Ratio | > 60 dB |
| Temperature stability | < 10pm/°C |

Mechanical Parameters

| | |
|-----------------------|----------------------|
| Operating temperature | 0 to 60°C |
| Storage temperature | -40 to 85°C |
| Connector Type | FC/PC, FC/APC |
| Package Dimensions | 250 x 255 x 110 (mm) |



Tunable Laser Source (OETLS-200) Spectrum



Ordering information:

For orders, questions, specific requirements, or to learn more about O/E Land products, contact us at:

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