



## Fiber Lasers

NY Photonics offers a wide range of stock or custom made fiber lasers.

Below we display preliminary spec of a standard model.

| PARAMETER                   | UNIT        | MIN  | MAX         | REMARKS                                              |
|-----------------------------|-------------|------|-------------|------------------------------------------------------|
| WAVELENGTH                  | nm          | 1530 | 1560        |                                                      |
| Pulse energy                | mJ          | 30   |             |                                                      |
| Pulse repetition rate       | Hz          | 20   |             |                                                      |
| Pulse width                 | mSec        |      | 2           |                                                      |
| Output power stability      | %           |      | 1           | 2 hours                                              |
| Output wavelength stability | nm          |      | 0.1         | 2 hours                                              |
| Output fiber                |             | SMF  |             |                                                      |
| Operating temperature       | C           | -5   | +50         | Second phase: -40C to +85C                           |
| Input voltage               | VAC         | 110  |             | Optional – 24VDC                                     |
| Electrical power            | W           |      | 20          |                                                      |
| Mechanical dimensions       | LXHXW<br>mm |      | 390X100X280 | Optional: A compact sealed metal box. Dimensions TBD |

**Options:** Control of repetition rate  
Control of pulse energy  
Control of pulse width