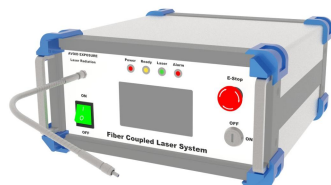


FC-xxxxxx



## FC-xxxxxx Laser System

FC-xxxxxx series laser system can combine 6 wavelengths into a system and one fiber outputs. It can control the laser output either separately, or open multiple lasers at the same time.



## SPECIFICATIONS

|                                              |                                                                                  |                                           |                                         |
|----------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------|
| Wavelength combination (nm)                  | 375/405/520/660/785/980                                                          | 405/520/640/830/1064/1550                 | 450/520/660/730/885/1064                |
| Wavelength (nm)                              | $\pm 5/\pm 5/\pm 10/\pm 5/\pm 10/\pm 10$                                         | $\pm 5/\pm 10/\pm 5/\pm 10/\pm 10/\pm 20$ | $\pm 5/\pm 10/\pm 5/\pm 5/\pm 5/\pm 10$ |
| Operating mode                               | CW                                                                               |                                           |                                         |
| Output power after fiber (W)                 | 0.3/2/1.3/1.5/4/10                                                               | 2/1.3/1/2.5/10/2.5                        | 3/1.3/1.5/1.5/2.5/10                    |
| Power stability (rms, over 4 hours)          | <3%, <2%, <1%                                                                    |                                           |                                         |
| Output type                                  | One channel output                                                               |                                           |                                         |
| Fiber type                                   | MM fiber                                                                         |                                           |                                         |
| Fiber Core Diameter( $\mu\text{m}$ )         | 400/ 200                                                                         |                                           |                                         |
| Fiber Connector                              | SMA905/ FC                                                                       |                                           |                                         |
| Fiber Length (m)                             | 1<br>(Other lengths are available on request)                                    |                                           |                                         |
| Fiber jacket                                 | PVC or metal jacket                                                              |                                           |                                         |
| Warm-up time (minutes)                       | <5                                                                               |                                           |                                         |
| Operating temperature ( $^{\circ}\text{C}$ ) | 10~35                                                                            |                                           |                                         |
| Input voltage                                | 100-240VAC                                                                       |                                           |                                         |
| Modulation optional                          | TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz;<br>and Analog modulation optional |                                           |                                         |
| Expected lifetime (hours)                    | 10000                                                                            |                                           |                                         |
| Warranty                                     | 1 year                                                                           |                                           |                                         |

Website: <http://www.cnilaser.com> E-mail: [sales@cnilaser.com](mailto:sales@cnilaser.com) Tel: +86-431-85603799 Fax: +86-431-89216068



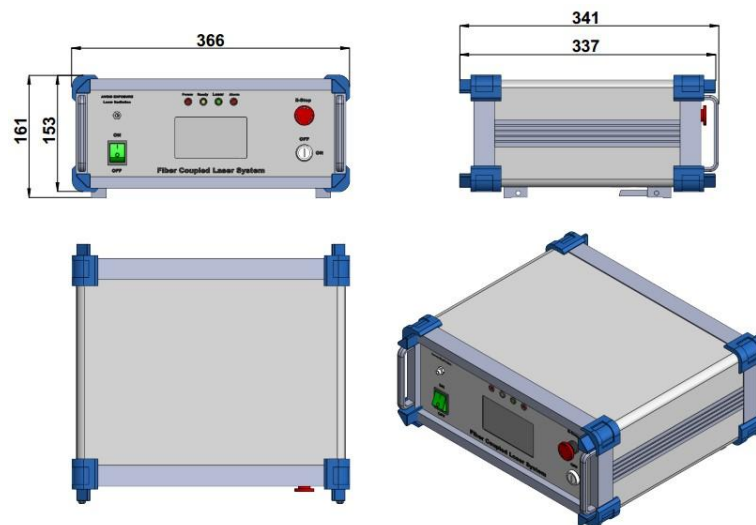
## SPECIFICATIONS

|                                     |                                                                                  |                         |
|-------------------------------------|----------------------------------------------------------------------------------|-------------------------|
| Wavelength combination (nm)         | 520/808/860/1030/1064/1310                                                       | 690/760/808/852/915/980 |
| Wavelength (nm)                     | ±10/±10/±10/±10/±10/±20                                                          | ±5/±10/±10/±10/±10/±10  |
| Operating mode                      | CW                                                                               |                         |
| Output power after fiber (W)        | 1.3/5/7/5/10/4                                                                   | 1/5/5/1.5/5/10          |
| Power stability (rms, over 4 hours) | <3%, <2%, <1%                                                                    |                         |
| Output type                         | One channel output                                                               |                         |
| Fiber type                          | MM fiber                                                                         |                         |
| Fiber Core Diameter(μm)             | 400/ 200                                                                         |                         |
| Fiber Connector                     | SMA905/ FC                                                                       |                         |
| Fiber Length (m)                    | 1<br>(Other lengths are available on request)                                    |                         |
| Fiber jacket                        | PVC or metal jacket                                                              |                         |
| Warm-up time (minutes)              | <5                                                                               |                         |
| Operating temperature (°C)          | 10~35                                                                            |                         |
| Input voltage                       | 100-240VAC                                                                       |                         |
| Modulation optional                 | TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz;<br>and Analog modulation optional |                         |
| Expected lifetime (hours)           | 10000                                                                            |                         |
| Warranty                            | 1 year                                                                           |                         |

**Remark:** Please consult CNI for customized configurations and modifications available.

Website: <http://www.cnilaser.com> E-mail: [sales@cnilaser.com](mailto:sales@cnilaser.com) Tel: +86-431-85603799 Fax: +86-431-89216068

FC-xxxxxx



341 (L)×366 (W) ×161 (H) mm<sup>3</sup>