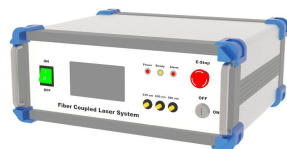


## FC-639/650/660-CH



### FC-639/650/660-CH Laser System

It can combine 3 wavelengths into a system and three fibers output. It can control the laser output either separately, or open multiple lasers at the same time.

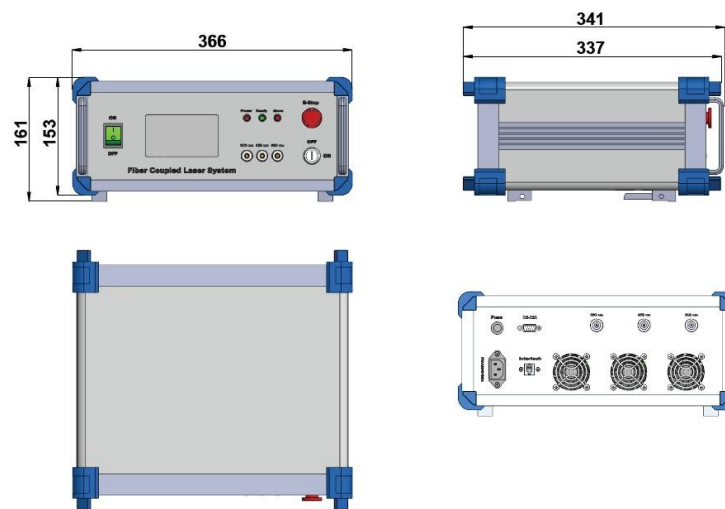


### SPECIFICATIONS

|                                     |                                                                                  |
|-------------------------------------|----------------------------------------------------------------------------------|
| Wavelength combination (nm)         | CH1: 639, CH2: 650, CH3: 660                                                     |
| Wavelength (nm)                     | ±1@639nm, ±10@650nm, ±5@660nm                                                    |
| Operating mode                      | CW                                                                               |
| Output power after fiber            | 0.9W@639nm, 0.1W@650nm, 1.3W@660nm                                               |
| Power stability (rms, over 4 hours) | <3%, <2%, <1%                                                                    |
| Output type                         | Three channels 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.

FC-639/650/660-CH



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