

**FC-1270/1-5W**



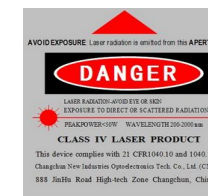
**FIBER COUPLED LASER  
SYSTEM AT 1270nm**

It integrates laser, fiber coupled optics, laser power supply and temperature control into housing. They are widely used for medical, biomedical and industrial.

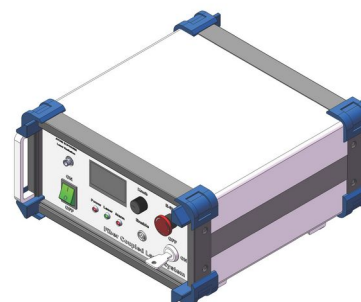
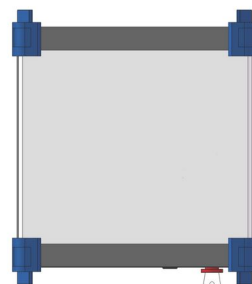
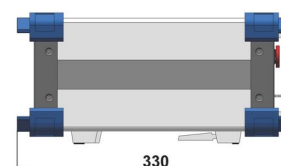
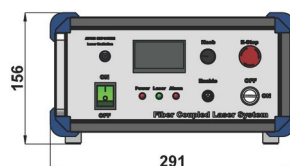


**SPECIFICATIONS**

|                                     |                                                                                  |
|-------------------------------------|----------------------------------------------------------------------------------|
| Wavelength (nm)                     | 1270±10                                                                          |
| Operating mode                      | CW                                                                               |
| Output power after fiber (W)        | >1, 2, ..., 5                                                                    |
| Power stability (rms, over 4 hours) | <3%, <2%, <1%                                                                    |
| Fiber Core Diameter(μm)             | 400/ 200 (MM fiber, other fiber core diameter are available on request)          |
| Fiber NA                            | 0.22                                                                             |
| Fiber Connector                     | SMA905                                                                           |
| Fiber Length (m)                    | 1 (Other lengths are available on request)                                       |
| Warm-up time (minutes)              | <5                                                                               |
| Operating temperature (°C)          | 10~35                                                                            |
| Input power                         | 100-240VAC                                                                       |
| Modulation optional                 | TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz;<br>and Analog modulation optional |
| Cooling way                         | By air                                                                           |
| Expected lifetime (hours)           | 10000                                                                            |
| Warranty                            | 1 year                                                                           |



**FC-1270**



330 (L) × 291 (W) × 156 (H) mm<sup>3</sup>, 10.0kg