

FC-OEM-1310/1-180mW



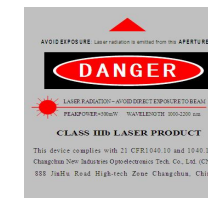
VIOLET DIODE LASER  
AT 1310nm

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are used in medical imaging, flow cytometry, DNA sequencing, etc.



SPECIFICATIONS

|  |                             |
|--|-----------------------------|
| Central wavelength (nm)                    | 1310±3                      |
| Operating mode                             | CW                          |
| Output power after fiber (mW) <sup>1</sup> | 1-180                       |
| Power stability (rms, 4 hours ± 3°C)       | <2%, <1%, <0.5%             |
| Fiber type                                 | SM fiber, PM fiber optional |
| Fiber Core diameter                        | 4-9µm, 0.12NA               |
| Fiber connector                            | FC/PC, FC/APC optional      |
| Fiber length                               | 0.8m                        |
| Fiber jacket                               | 0.9mm PVC                   |
| Transverse mode                            | TEM <sub>00</sub>           |
| Ellipticity                                | >0.95                       |
| M <sup>2</sup> after fiber                 | ~1.1                        |
| Warm-up time (minutes)                     | <5                          |
| Cooled method                              | Conduction                  |
| Operating temperature (°C)                 | 10-35                       |
| Operating voltage (VDC)                    | 5V                          |
| Expected lifetime (hours)                  | >10000                      |



LASER HEAD (DRIVER Integrated)<sup>2</sup>



100 (L) × 40 (W) × 31.2 (H) mm<sup>3</sup>, 0.2kg

POWER SUPPLY (100-240VAC) optional



125.7 (L) × 50.2 (W) × 31.8 (H) mm<sup>3</sup>, 0.3kg

1 Any power level can be selected in this range.

2 Fixed output power; RS232 control optional;