

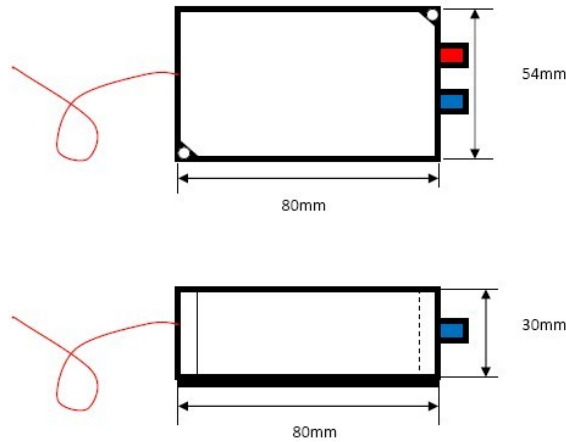


445nm(440nm~460nm) Fiber Coupled Diode Laser System with 40um MM Fiber
445nm Turnkey Fiber Coupled Laser System
0~30mW Adjustable|40um UV Fiber|TEC Cooling|Small Size|High Stability

| MM 445nm Fiber Coupled Diode Laser System | | Wavespectrum Laser, Inc | | |
|--|-------------------------------|--|-------------|------------|
| Features: <ul style="list-style-type: none"> ● 445nm ● 40um、105um UV MM Fiber ● High Power Stability ● High Temperature Stability ● Built-in TEC Cooling ● Output Power adjustable ● CW/TTL Mode optional ● Easy to use | |  | | |
|  | | | | |
| Specifications | | WSLS-445-030m-M | | |
| | | Min | Type | Max |
| Center Wavelength@25℃ | | 440nm | 445nm | 460nm |
| Output Power adjustment range | 0~30mW | | | |
| Fiber Core | 40um ,105um MM Fiber | | | |
| Long Term Power Stability | ---- | 1% | 3% | |
| Temperature Stability | ---- | 0.01℃ | ---- | |
| Noise (p-p) (10Hz to 20MHz) | ---- | 2% | ---- | |
| RMS Noise (10Hz to 20MHz) | ---- | 0.2% | ---- | |
| Fiber Connector | FC/ST/SMA905 | | | |
| Fiber Length | ---- | 80cm | 100cm | |
| DC Power Supply | 5V±0.1V, Ripple<25mVp-p, < 2A | | | |
| TTL modulation | Optional | | | |
| Operating Temperature | 0~ +50℃ | | | |
| Cooling | TEC Cooling | | | |
| | | | | |

Dimension (Unit: mm)



Interface Overview



Laser Safety

High powered laser module emit radiation in the visible and infrared region of the spectrum. When in use, safety pre-precautions should be taken, to avoid possibility of eye damage. if any part of the body is exposed to the beam. The eye is extremely sensitive to the infrared radiation and therefore, proper eyewear must be worn at all times.

Caution
 On operation, If optical connectors are unterminated, modules can emit invisible laser radiation. Radiation emitted by laser devices can be dangerous to the eyes. Avoided eye or skin exposure to direct or scattered radiation





WAVE
s p e c t r u m

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