
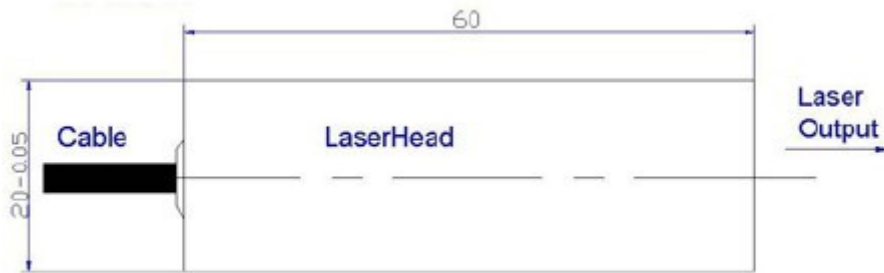


445nm~450nm 500mw Fiber Coupled Laser Diode Module

| 445nm Pigtailed Diode Laser | | Wavespectrum Laser, Inc | |
|--|---|-------------------------|----------|
| PARAMETER | SYMBOL | VALUE | UNIT |
| Reverse Voltage | V_r | 5.0 | V |
| Operating Temperature | T_{op} | 0 ~ +30 | °C |
| Storage Temperature | T_{stg} | -40 ~ +85 | °C |
| Lead soldering temperature (10 sec.) | T_{is} | 260 | °C |
| Features: <ul style="list-style-type: none"> ● 445nm ● UV MM Fiber ● Coaxial Package |  | | |
| Applications: <ul style="list-style-type: none"> ● Medical laser treatment ● Printing | | | |
| Specifications | WSLP-445-500m-M | | |
| | Min | Type | Max |
| Center Wavelength@25°C | 440nm | ---- | 455nm |
| Spectral Width (FWHM) | ---- | 2.0nm | ---- |
| Output Power | 400mW | ---- | 500mW |
| Fiber Core | 40um、50um、60um、105um optional | | |
| Slope Efficiency | 0.8mW/mA | ---- | 1.8mW/mA |
| Monitor Current | ---- | ---- | ---- |
| PD Reverse Voltage | ---- | ---- | ---- |
| Fiber Connector | FC/ST/SMA905 | | |
| Fiber Length | ---- | 80cm | 100cm |
| Threshold Current (Typ.) | 150mA | ---- | 300mA |
| Operating Current (Typ.) | ---- | 1A | 1.2A |
| Operating Voltage | 4V | ---- | 6V |
| Package Style | Coaxial | | |



Package View



Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.



Please contact us:

Website: www.wavespectrum-laser.com(for more detailed information)

Email:info@wavespectrum-laser.com (for inquiry about this product)

