


808nm 100mw SM Fiber Coupled LD with Polarization Maintaining Fiber

808nm~810nm | 80mw~100mw Output Power| PM Fiber Pigtailed Laser Diode |PMF | Built-in PD

WSLP-808-100m-PM-PD

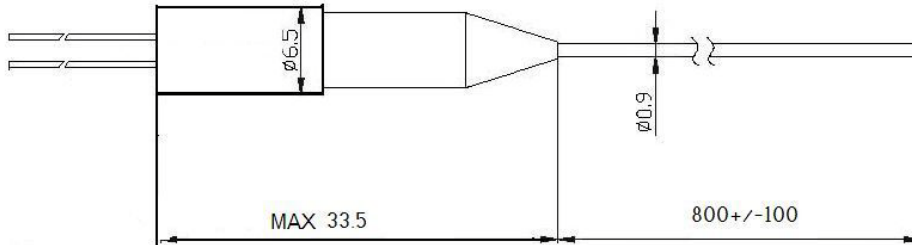
Wavespectrum Laser Group

www.wavespectrum-laser.com

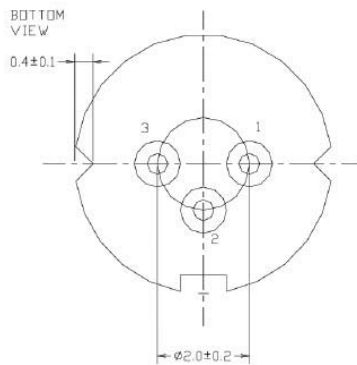
| 808nm Pigtailed Diode Laser | | 100m W/PM Fiber | | Wavespectrum Laser Group | |
|--|--|-----------------|-------|--------------------------|--|
| PARAMETER | SYMBOL | VALUE | UNIT | | |
| Reverse Voltage | V_r | 2.0 | V | | |
| Operating Temperature | T_{op} | -20 ~ +50 | °C | | |
| Storage Temperature | T_{stg} | -40 ~ +80 | °C | | |
| Lead soldering temperature (10 sec.) | T_{is} | 260 | °C | | |
| Features: <ul style="list-style-type: none"> ● 808nm ● PM Fiber ● Coaxial Package ● Built-in PD |  | | | | |
| Applications: <ul style="list-style-type: none"> ● Medical laser treatment ● Others | | | | | |
| Specifications | WSLP-808-100m-PM-PD | | | | |
| | Min | Type | Max | | |
| Center Wavelength@25°C | 800nm | 808nm | 815nm | | |
| Recommend Operating Temperature | 25°C | | | | |
| Output Power | ---- | 80mw | 100mw | | |
| Fiber Type | Polarization Maintaining Fiber | | | | |
| Fiber Core | 5um | | | | |
| Monitor Current | ---- | 0.5mA | 0.8mA | | |
| PD Reverse Voltage | ---- | 30V | ---- | | |
| Fiber Connector | FC | | | | |
| Fiber Length | ---- | 80cm | 100cm | | |
| Threshold Current (Typ.) | ---- | 20mA | 40mA | | |
| Operating Current (Typ.) | ---- | 190mA | 220mA | | |
| Operating Voltage | ---- | 1.9V | 2.2V | | |
| Package Style | Coaxial | | | | |
| PD | Built-in | | | | |



Coaxial Package View



PIN Bottom View:



| | |
|----------|------------------------|
| 1 | LD(-) |
| 2 | LD(+)&PD(-) |
| 3 | PD(+) |

OR

| | |
|----------|------------------------|
| 1 | LD(+) |
| 2 | LD(-)&PD(+) |
| 3 | PD(-) |

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

