


635nm~638nm 10mW Single Mode Fiber Coupled Diode Laser with Photodiode (PD)

635nm 10mW Coaxial Pigtailed Laser Diode with 4um Single Mode Fiber (SM Fiber)

WSLP-635-010m-4-PD

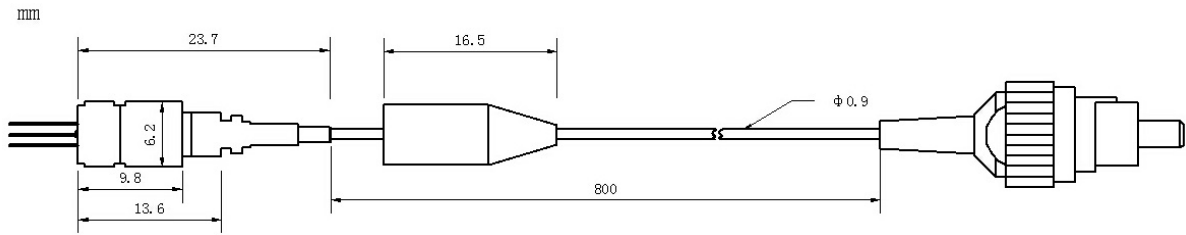
Wavespectrum Laser Group

www.wavespectrum-laser.com

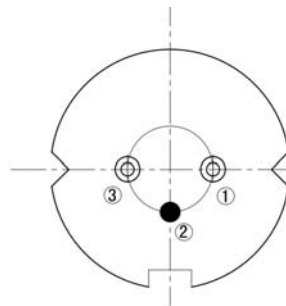
| 635nm Pigtailed Diode Laser | | Wavespectrum Laser Group | |
|--|--|--------------------------|-------|
| PARAMETER | SYMBOL | VALUE | UNIT |
| Reverse Voltage | V_r | 2.0 | V |
| Operating Temperature | T_{op} | -10~+50 | °C |
| Storage Temperature | T_{stg} | -40~+85 | °C |
| Lead soldering temperature (10 sec.) | T_{is} | 260 | °C |
| Features: <ul style="list-style-type: none"> ● 635nm ● 4um SM Fiber ● Coaxial Package ● Built-in PD |  | | |
| Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Aiming Beam ● Others | | | |
| Specifications | WSLP-635-010m-4-PD | | |
| | Min | Type | Max |
| Center Wavelength@25°C | 630nm | 638nm | 645nm |
| Recommended work Temperature | 25°C | | |
| Output Power | ---- | 10mW | ---- |
| Fiber Type | Single Mode Fiber | | |
| Fiber Core | 4um | | |
| Monitor Current | ---- | 0.3mA | ---- |
| PD Reverse Voltage | ---- | 30V | ---- |
| Fiber Connector | FC/SC/SMA905 | | |
| Fiber Length | ---- | 80cm | 100cm |
| Threshold Current (Typ.) | ---- | 40mA | 60mA |
| Operating Current (Typ.) | ---- | 100mA | 120mA |
| Operating Voltage | ---- | 2.4V | 2.8V |
| Package Style | Coaxial | | |
| PD | Built-in | | |



Coaxial Package View



PIN Bottom View:



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

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

