

**1470nm 600mw~700mw Fiber Coupled Diode Laser Module | TEC Cooling Optional | Photodiodes Optional**

**1470nm|4-PIN Package| 105um 200um 400um Fiber Core| High Power LD**

**WSLX-1470-650m-H**

**Wavespectrum Laser Group**

**www.wavespectrum-laser.com**

| PARAMETER                            | SYMBOL    | VALUE     | UNIT |
|--------------------------------------|-----------|-----------|------|
| Reverse Voltage                      | $V_r$     | 2.0       | V    |
| Operating Temperature                | $T_{op}$  | +15 ~ +35 | °C   |
| Storage Temperature                  | $T_{stg}$ | -40 ~ +60 | °C   |
| Lead soldering temperature (10 sec.) | $T_{is}$  | 260       | °C   |

**Features:**

- 1470nm
- 4-pin or 9-pin Package
- PD Optional
- TEC Optional
- Aiming Beam Optional

**Applications:**

- Medical laser treatment
- Others



**Specifications**

**WSLX-1470-650m-H**

|                                       | Mini                         | Type        | Max   |
|---------------------------------------|------------------------------|-------------|-------|
| Center Wavelength@25°C                | ±10nm                        | 1470        | ±20nm |
| Spectral Width (FWHM)                 | ----                         | 4nm         | ----  |
| Output Power                          | 600mW                        | ----        | 650mW |
| Temperature Coefficient of Wavelength | ----                         | 0.28nm / °C | ----  |
| Threshold Current (Typ.)              | ----                         | 350mA       | ----  |
| Operating Current (Typ.)              | ----                         | 3A          | ----  |
| Operating Voltage                     | ----                         | 1.3V        | ----  |
| Recommended Case Temperature          | ----                         | 25°C        | ----  |
| TEC Max. Current                      | ----                         | ----        | ----  |
| TEC Max. Voltage                      | ----                         | ----        | ----  |
| Fiber Core Diameter                   | 200um (105um 400um Optional) |             |       |
| Fiber Numerical Aperture              | 0.22 (0.37N.A. Optional)     |             |       |
| Fiber Length                          | 80cm                         |             |       |
| Connector Type                        | FC / SMA905                  |             |       |
| Package Style                         | 4-PIN or 9-PIN               |             |       |



