

520nm 5mW Single Mode Fiber Coupled Laser Source

Features:

- 520nm
- With 3um Single Mode Fiber
- Built-in TEC Cooling
- Output Power Adjustable
- TTL / Analog Modulation Optional
- APC Function Optional
- High Stability
- Long Lifetime



WAVESPECTRUM offer the **Turn-key Fiber Coupled Laser System**, the Wavelength is form 375nm to 1550nm, the Fiber Type can be **SM Fiber**, **PM Fiber** and **MM Fiber**. The Output Power is from 1mW to 50W. The Typical Wavelength is below:

375nm,405nm,445nm,488nm,520nm,532nm,635nm,650nm,660nm,670nm,685nm,785nm,808nm,830nm, 850nm,880nm,905nm,915nm,940nm,980nm,1064nm,1310nm,1450nm, 1470nm and 1550nm etc.

Our **Laser System** includes the **Fiber Coupled Laser Module**, **Power Supply** and **TEC Cooling System**. It is easy to use and with **High Reliability**, **High Stability**, **Long Lifetime**. The Laser System have passed the **ROHS** and **CE** Certification,

WAVESPECTRUM also offer the Customized Laser System, such as **Dual-Wavelength Laser System**, **Tri-Wavelength Laser System** and **Fiber Detachable Laser System**.

More information Please visit our website: en.wavespectrum-laser.com.cn



| Specification | | WSLS-520-005m-4 | | |
|--------------------------|----------------------|--------------------------------------|--------|-------|
| | | Min | Type | Max |
| Optical data | Wavelength | ±3nm | 520nm | ±10nm |
| | Output Power | 0~5mW adjustable | | |
| | Spectral Width | | 2nm | |
| | M2 | <1.3 | | |
| | Beam type | Gaussian | | |
| Fiber data | Fiber core | 3um | | |
| | Numerical Aperture | 0.12 | | |
| | Fiber type | Single mode | | |
| | Fiber Length | >80cm | | |
| | Connector | FC/SMA905 | | |
| Control data | Operation mode | CW | | |
| | | TTL Modulation (optional) | | |
| | | Analog Modulation (optional) | | |
| | Power stability | 1% | ---- | 3% |
| | Noise (10Hz~100MHz) | 0.5% rms | 1% rms | |
| | APC Function | Auto Power Control Function optional | | |
| | Cooling Way | Built-in TEC cooling | | |
| Environmental Conditions | Operation Temp | 0~40℃ | | |
| | Storage Temp | -20~55℃ | | |
| Power supply | AC (Standard) | 90V~240VAC, 50~60Hz | | |
| | DC (Optional) | +5V | | |
| Accessory | Collimator | Optional | | |
| | Laser Safety Goggles | Optional | | |

