

515nm~520nm 10mW Multi-mode Fiber Coupled Diode Laser With Photodiode (PD) | Built-in TEC cooler

520nm 10mW | 8-Pin Package| Green Diode Laser | Built-in TEC Cooling | High Stability

WSLX-520-010m-M-H8-T-PD

Wavespectrum Laser Group

en.wavespectrum-laser.com.cn

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 520nm
- Multi-mode Fiber
- Built-in TEC Cooling
- Built-in Photodiode

Applications:

- Medical Laser Treatment
- Others



Specifications

WSLX-520-010m-M-H8-T-PD

	Min.	Type	Max.
Center Wavelength@25°C	520nm±10nm		
Spectral Width (FWHM)	----	2nm	----
Output Power	----	10mW	----
Recommend Operating Temperature	25 °C		
Threshold Current (Typ.)	----	25mA	45mA
Operating Current (Typ.)	----	60mA	70mA
Operating Voltage	----	6.5V	8.0V
Monitor Current	----	100uA	----
TEC Max Current	1.3A		
TEC Max Voltage	4.0V		
Thermistor	10K		
Fiber Core Diameter	105um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	FC/SC/SMA905		
Package Style	8-PIN		

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