

680nm~685nm 7W High Power Fiber Coupled Laser Diode Module

680nm 7W| 400um Fiber Core| High Power LD | Built-in Thermistor

WSLX-680-007-400M-J21

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:

- 680nm
- 7W Output Power
- 400um Fiber Core
- Built-in Thermistor
- Aiming Light Optional

Applications:

- Medical Laser Treatment
- Others



Specifications

WSLX-680-007-400M-J21

	Min.	Type	Max.
Center Wavelength@25°C	680nm±10nm		
Spectral Width (FWHM)	----	6nm	----
Output Power	----	7W	----
Temperature Coefficient of Wavelength	----	0.2nm / °C	----
Threshold Current (Typ.)	----	0.4A	----
Operating Current (Typ.)	----	1.1A	----
Operating Voltage	----	24V	----
Recommended Case Temperature	25°C		
Thermistor	10K		
Photodiode	Optional		
Fiber Core Diameter	400um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	SMA905/ST/FC		
Package Style	J21A Package		
Aiming Beam	Optional		



