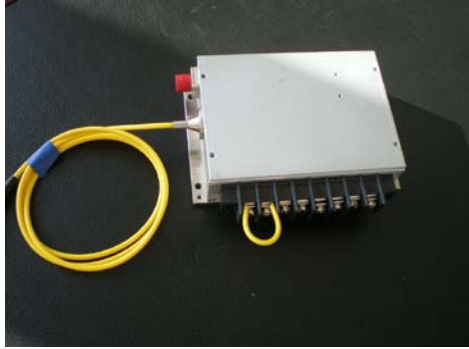


450nm 3W Fiber Coupled Laser Diode Module | 400um 600um 800um UV Fiber Optional
445nm~450nm| 3W Output Power| TEC Cooling Optional | Fiber Pigtail LD| HHL Package
WSLB-445-003-H Wavespectrum Laser, Inc. www.wavespectrum-laser.com

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	5.0	V
Operating Temperature	T_{op}	0 ~ +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"> ✦ 445nm ✦ TEC Cooling Optional ✦ High Power Output 	
Applications: <ul style="list-style-type: none"> ✦ Printing ✦ Medical Laser Treatment ✦ Others 	

Specifications	WSLB-445-003-H		
	Min.	Type	Max.
Center Wavelength@25°C	440nm	445nm	460nm
Spectral Width (FWHM)	----	4nm	----
Output Power	----	3W	----
Recommend Operating Temperature	18°C		
Threshold Current (Typ.)	----	250mA	500mA
Operating Current (Typ.)	----	1.4A	1.6A
Operating Voltage	----	15V	----
Cooling	TEC Cooling Optional		
Fiber Core Diameter	300um		
Fiber Numerical Aperture	0.22/0.37		
Fiber Length	100cm		
Connector Type	SMA905/FC		
Aiming Beam (2mw@650nm)	Optional		



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