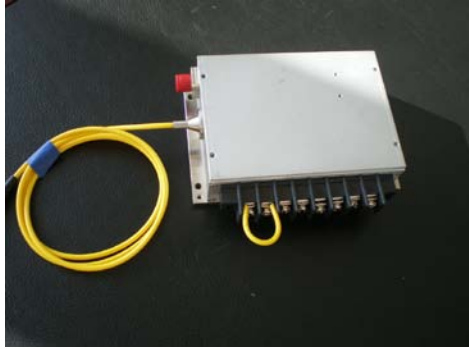


445nm 10W Fiber Coupled Laser Diode Module | 400um 600um 800um UV Fiber Optional  
 440nm~450nm| 10W Output Power| TEC Cooling Optional | Fiber Pigtail LD| HHL Package  
 WSLB-445-010-H Wavespectrum Laser, Inc. www.wavespectrum-laser.com

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

<b>Features:</b> <ul style="list-style-type: none"> <li><span style="color: yellow;">◆</span> 445nm</li> <li><span style="color: yellow;">◆</span> TEC Cooling Optional</li> <li><span style="color: yellow;">◆</span> High Power Output</li> </ul>	
<b>Applications:</b> <ul style="list-style-type: none"> <li><span style="color: yellow;">◆</span> Printing</li> <li><span style="color: yellow;">◆</span> Medical Laser Treatment</li> <li><span style="color: yellow;">◆</span> Others</li> </ul>	

Specifications	WSLB-445-010-H		
	Min.	Type	Max.
Center Wavelength@25°C	440nm	445nm	460nm
Spectral Width (FWHM)	----	6nm	----
Output Power	----	10W	----
Recommend Operating Temperature	18°C		
Threshold Current (Typ.)	----	250mA	500mA
Operating Current (Typ.)	----	2.8A	3.2A
Operating Voltage	----	30V	----
Cooling	TEC Cooling Optional		
Fiber Core Diameter	600um		
Fiber Numerical Aperture	0.22/0.37		
Fiber Length	100cm		
Connector Type	SMA905/FC		
Aiming Beam (2mw@650nm)	Optional		



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