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LASER LAB SOURCE
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Laser Diode Part Number: 915LD-2-0-0

contact@laserlabsource.com | 800-887-5065

915 nm laser diode

10 W / 105 μm fiber

Reference: 915LD-2-0-0

SPECIFICATIONS	Unit	Min	Typ	Maximum
Optical parameters				
Output Power	W	10		
Center Wavelength	nm	905	915	925
Spectral Width (FWHM)	nm		3.5	
Threshold Current	A		0.7	1.0
Operating Current	A		11.0	13.0
Operation Voltage	V		1.7	1.8
Conversion Efficiency	%		55	
95% power with NA	NA		0.12	
Wavelength shift w Temperature	nm/°C		0.3	
Slope Efficiency	W/A		0.9	
Storage Temperature	°C	-30		70
Case Operating Temperature	°C	15	25	55
Minimum Fiber Bend Radius	mm		37.5	
Fiber Buffer/tube Diameter	μm		900	
Fiber Clad Diameter	μm		125	
Fiber Core Diameter	μm		105	
Numerical Aperture	NA		0.22	
Soldering Temperature	°C			260
Soldering time	s			10
Fiber connector	No			
ROHS Compliant	Yes			

Please solder the pins when the level of current is over 6A

Form factor: two potential models – contact us for more precision

