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**Laser Diode Part Number: 915LD-6-0-0**

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**contact@laserlabsource.com | 800-887-5065**

## 915 nm laser diode 250 W / 135 μm fiber

Reference: 915LD-6-0-0

SPECIFICATIONS	Unit	Min	Typ	Maximum
Optical parameters				
Output Power	W	250		
Center Wavelength	nm	905	915	925
Spectral Width (FWHM)	nm		5.0	
Threshold Current	A		0.8	
Operating Current	A		18.5	20
Operation Voltage	V		27.0	30
Conversion Efficiency	%		50	
Wavelength shift w Temperature	nm/°C		0.35	
Back reflection isolation stage	nm	1020		1200
Back reflection isolation (optional)	dB		30	
Storage Temperature	°C	-30		70
Case Operating Temperature	°C	15	25	45
Minimum Fiber Bend Radius	mm	35		
Fiber Buffer/tube Diameter	μm		900	
Fiber Clad Diameter	μm		155	
Fiber Core Diameter	μm		135	
Numerical Aperture	NA		0.22	
Soldering Temperature	°C			260
Soldering time	s			10
Dimensions	mm	141*55*18		
Mounting holes	mm	4*Ø3.4		
Fiber connector		Yes (HP-SMA905)		
ROHS Compliant		Yes		

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

