

915 nm laser diode

Model 7: 300 W / 200 µm fiber

Reference: 915LD-7-0-0

SPECIFICATIONS	Unit	Min	Typ	Maximum
Optical parameters				
Output Power	W	300		
Center Wavelength	nm	905	915	925
Spectral Width (FWHM)	nm		5	
Threshold Current	A		0.8	
Operating Current	A		22.0	24
Operation Voltage	V		26.0	28
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		220	
Fiber Core Diameter	µm		200	
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				

