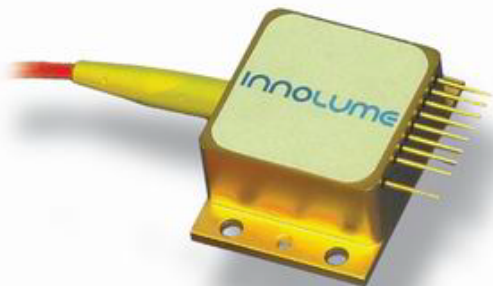


LD-1320-HHLF-2000	
High Power Diode Laser – 2W @ 1320nm	
	Features: <ul style="list-style-type: none"> ▪ Low threshold current, high slope efficiency ▪ CW, quasi-CW or pulsed operation
	<ul style="list-style-type: none"> ▪ High Heat Load Fibered (HHLF) package with built-in thermistor and thermoelectric cooler ▪ Multimode fiber pigtail, core diameter 200um, NA 0.22 ▪ FC/PC or SMA optical connector ▪ On request: integrated monitor photodiode for power control
	Application: <ul style="list-style-type: none"> ▪ Medical
Specification for engineering samples	DATE: 26 th Feb. 2008

SPECIFICATIONS				
Test conditions: thermistor temperature 25°C, output power 2 W in CW operation				
Parameters	Min.	Typ.	Max.	Unit
Output power	2.0			W
Central wavelength	1310	1320	1330	nm
Wavelength temperature tunability	0.45	0.55	0.65	nm/°C
Spectral width (FWHM)		8	14	nm
Operating current		6.5	7.5	A
Threshold current	0.4	0.5	0.65	A
Forward voltage	1.4	1.45	1.6	V
TEC current			8.0	A
Thermistor resistance	9.5	10.0	10.5	kOhm
Case operating temperature	0	25	50	°C

