



Tunable Fiber  
Coupled Laser  
Specifications  
202

# 1. System Specifications

	Symbol	Typical (1)	Units
<b>Optical</b>			
Output Power (CW)	$P_o$	0-2	Watts
Accuracy		0-5% (0.1W-2W)	
Wavelength (1)	$\lambda_c$	1260nm-1290nm	nm
Spectral Width	$\Delta\lambda$	8	nm 3dB
Wavelength Temp. Coeff.	$\lambda_{coef}$	0.5	nm/C
Standard Optical Output		Dia. 6.2	mm
(1) Other models are available for different wavelength, contact Veralase for more information			
<b>Electrical / Data</b>			
Power Adapter Input		100 - 240	VAC
		50-60	Hz
Power Adapter Output		12	VDC
		5	A
<b>Program Parameters</b>			
Current Level - Up to 6		Level 1, 2, 3, 4,5, Manual	Power level
Time on/ Pulse		0 to 1000	ms
Time off/ Pulse		0 to 1000	ms
Pulses/Trigger		1000	Pulse
<b>Temperature Control</b>			
Operating Temperature		0-40	C
Laser Temperature protec-		0-75	C
Laser Temperature control		15-60	C
(2) Veralase recommends using the temperature at this range			

## 2. Laser Specifications

	Min	Max	Units
<b>General</b>			
Dimensions	158 x 120x 84		mm
	6.2 x 4.7 x 3.3		inches
Operating Temperature	5	65	C
Storage Temperature	0	60	C
Current draw while idle		<10	mA
Current draw while off		<2	mA
Power on wait time		1	sec
<b>CW Operation</b>	<b>Min</b>	<b>Max</b>	<b>Units</b>
<b>Laser Current</b>			
Range	0	7,000	mA
Resolution	50		mA
Accuracy	50		+/- mA
Noise/Ripple		200	mA
Compliance Voltage	1	3.3	V