

# DIRECT DIODE 500W SPECIFICATION



## SPECIFICATIONS

OPTICAL		ELECTRICAL		THERMAL	
Min Output Power (W)	500	Max Modulation (kHz)	1	Operation Temperature	15-35
Typical Output Power (W)	556	Rise / Fall Time (us)	200	<sup>2</sup> Humidity @ 25°C	<75%
Wavelength (nm)	9xx	Overall Efficiency (%)	43	Flow Rate (l/min)	6-8
Tolerance (nm)	10	Supply Voltage (VAC)	220	Pressure Drop (PSI)	35-55
Power Stability(%)	<2.5	Power Consumption (kW)	938	Water Temperature C	17
Spectral Width (FWHM)	+/-10	Min Pulse Width (us)	200	Water Filter (um)	<100

FIBER		MECHANICAL		PILOT LASER	
Fiber Core (um)	400	Storage Temperature	0-50	Pilot Laser (nm)	-
Fiber NA / Fiber Type	0.22 / SI	Dimensions	19" 2U	Pilot Laser Power (mW)	-
Fiber Length (m)	5	L x W x H			<sup>1</sup> Other connectors available
Armor Type	PVC SS	Weight (kg)	22		<sup>2</sup> Non-Condensing environment
<sup>1</sup> Fiber Connector Type	LD80				

