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632.8nm Frequency Stabilized Laser Diodes



- Single Longitudinal Mode (SLM) Performance
- $\pm 0.002\text{nm}$ Wavelength Stability
- Very Low Power Consumption



Common Specifications

General			
Warm-Up Time (minutes):	2.00	Type of Laser:	Diode
Laser Class - CDRH:	IIIb		
Physical & Mechanical Properties			
Dimensions (mm):	71.0 L x 63.5 W x 19.8 H		
Weight (g):	135.00	Pointing Stability (μrad):	<50 (8 Hours)
Optical Properties			
Wavelength (nm):	632.80	Wavelength Tolerance (nm):	±0.5
Beam Stability (nm):	±0.002	Color:	Red
Electrical			
Power Stability (%):	1.00	Power Consumption (W):	Max: 5
Noise Level:	10 Hz - 100 MHz: 0.2% RMS	Input Current (A):	Max: 2 @ 3.3 V
Hardware & Interface Connectivity			
Electrical Leads/ Pin Connections:	10-pin Connectors (cable provided upon request)	Computer Interface:	USB
Environmental & Durability Factors			
Operating Temperature (°C):	+15 to +40	Operating Humidity:	5 - 95% (non-condensing)

Technical Information

Products

Wavelength (nm)	Output Power (mW)	Output Type	Stock Number	Price	Buy
632.80	55	Free Space	#33-045	€6.860,00 Volume Pricing	1 In Stock
632.80	25	Fiber- Coupled	#33-046	€9.030,00 Volume Pricing	1 In Stock



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