

CDL/F Air Cooled Fiber Output Direct Diode Laser

› PRODUCT FEATURE AND SPECIFICATIONS:



- High wall plug efficiency, greatly reduce power consumption
- Strong capability on resisting high-reflective, suitable for different materials processing.
- Remote real-time monitoring.
- High lifetime, high safety and reliability.
- Can achieve personalized customization.
- Excellent after-sales service system.
- Excellent cost performance

- Optical Pumping
- Plastics Welding
- Soft Soldering
- Brazing
- FPD Bonding
- Silicon Surface Modification

CINA LASER's CDL/F Air Cooled 1.0μm single-mode group continuous fiber laser, adopts latest industry technology and the optimization design, with high electro-optical conversion efficiency, high lifetime, high safety and reliability.

CINA LASER, which is based on Internet technology, established a scientific after-sales service system. Each device has a unique identity code (the internal storage of original technology and material information). Can achieve remote online real-time monitoring; can provide users with equipment fault early warning and efficient technical support and good after-sales service.

CINA LASER's products with high quality, high reliability and excellent cost performance, can meet the requirements of the customer diversification and personalized customization. It also with good after-sales service, is the ideal choice for system integrates and equipment manufacturers.

Performance		Min.	Typ.	Max.	Remarks
Optical Characteristics	Central Wavelength	(nm)	976/915		
	Spectral Bandwidth	(nm)	3	5	-3dB
	Output Optical Power	(W)	200	300W / 400W / 500W	
	Short Time Power Stability	(%)	±1		
	Long Time Power Stability	(%)	±2		
	Laser Opening Time	(μs)	50~100		
	Laser Shutdown Time	(μs)	100~200		
	Power Regulation Range	(%)	10	100	
	Modulation Frequency	(KHz)	5	20	100%output
	Red Light Power	(mW)	5	60	
Output Characteristics	Output Connector		SMA905		Customizable
	Output Fiber Length	(m)	2		Customizable
	Output Cable Bending Radius	(mm)	200		
	Work Model		Continuous/modulation		CW/Modulate
	State Of Polarization		Random		Random
	Communication Interface		RS232		
Electrical Cooling Characteristics	Remote Communication		APP		Customizable
	Power Supply	(V)	220		
	CDL/F-200		1.0		
	CDL/F-300	(KW)	1.1		
	CDL/F-400		1.2		220V, Single phase three
General Characteristics	CDL/F-500		1.5		
	Cooling Mode		Air cooling		External
	Working Ambient Temperature	(°C)	10	40	
	Working Environment Humidity	(%)	10	85	
	Storage Temperature	(°C)	-10	60	
	Structure			Rack	
	Weight/Size	(kg)	<25	W×L×H (mm)	370 (414.5) ×441×133

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› DIMENSION:

