

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 1.0 μ m 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	(μ s)		50~100		
	Laser Shutdown Time	(μ s)		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		
	Remote Communication			APP		Customizable
Electrical Cooling Characteristics	Power Supply	(V)		220		
	Power Consumption	CDL/F-200			1.0	220V, Single phase three
		CDL/F-300			1.1	
		CDL/F-400			1.2	
		CDL/F-500			1.5	
	Cooling Mode			Air cooling		External
General Characteristics	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:

