

FC-xx



FC-xx Laser System

FC-xx series laser system can combine 2 wavelengths into a system and one fiber outputs. It can control the laser output either separately, or open multiple lasers at the same time.



SPECIFICATIONS

Wavelength combination (nm)	450/640	450/980	450/1470
Wavelength (nm)	±5/±5	±5/±10	±5/±10
Operating mode	CW		
Output power after fiber (W)	10/0.2	10/20	10/15
Power stability (rms, over 4 hours)	<3%, <2%, <1%		
Red pilot laser	Available on request		
Output type	One channel output		
Fiber type	MM fiber		
Fiber Core Diameter (μm)	400		
Fiber Connector	SMA905		
Fiber Length (m)	1 (Other lengths are available on request)		
Fiber jacket	PVC or metal jacket		
Warm-up time (minutes)	<5		
Operating temperature (°C)	10~35		
Input voltage	100-240VAC		
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional		
Expected lifetime (hours)	10000		
Warranty	1 year		

Website: <http://www.cnlaser.com> E-mail: sales@cnlaser.com Tel: +86-431-85603799 Fax: +86-431-89216068



SPECIFICATIONS

Wavelength combination (nm)	640/808	640/980	640/1470
Wavelength (nm)	±5/±10	±5/±10	±5/±10
Operating mode	CW		
Output power after fiber (W)	0.2/15	0.2/20	0.2/30
Power stability (rms, over 4 hours)	<3%, <2%, <1%		
Red pilot laser	Available on request		
Output type	One channel output		
Fiber type	MM fiber		
Fiber Core Diameter (μm)	400		
Fiber Connector	SMA905		
Fiber Length (m)	1 (Other lengths are available on request)		
Fiber jacket	PVC or metal jacket		
Warm-up time (minutes)	<5		
Operating temperature (°C)	10~35		
Input voltage	100-240VAC		
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional		
Expected lifetime (hours)	10000		
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SPECIFICATIONS

Wavelength combination (nm)	640/1940	808/915	808/980
Wavelength (nm)	±5/±20	±10/±10	±10/±10
Operating mode	CW		
Output power after fiber (W)	0.2/12	30/30	30/30
Power stability (rms, over 4 hours)	<3%, <2%, <1%		
Red pilot laser	Available on request		
Output type	One channel output		
Fiber type	MM fiber		
Fiber Core Diameter (μm)	400		
Fiber Connector	SMA905		
Fiber Length (m)	1 (Other lengths are available on request)		
Fiber jacket	PVC or metal jacket		
Warm-up time (minutes)	<5		
Operating temperature (°C)	10~35		
Input voltage	100-240VAC		
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional		
Expected lifetime (hours)	10000		
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SPECIFICATIONS

Wavelength combination (nm)	808/1064	810/980	980/1064
Wavelength (nm)	±10/±10	±10/±10	±10/±10
Operating mode	CW		
Output power after fiber (W)	30/30	10/10	30/30
Power stability (rms, over 4 hours)	<3%, <2%, <1%		
Red pilot laser	Available on request		
Output type	One channel output		
Fiber type	MM fiber		
Fiber Core Diameter (μm)	400	400/ 200	400
Fiber Connector	SMA905		
Fiber Length (m)	1 (Other lengths are available on request)		
Fiber jacket	PVC or metal jacket		
Warm-up time (minutes)	<5		
Operating temperature (°C)	10~35		
Input voltage	100-240VAC		
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional		
Expected lifetime (hours)	10000		
Warranty	1 year		

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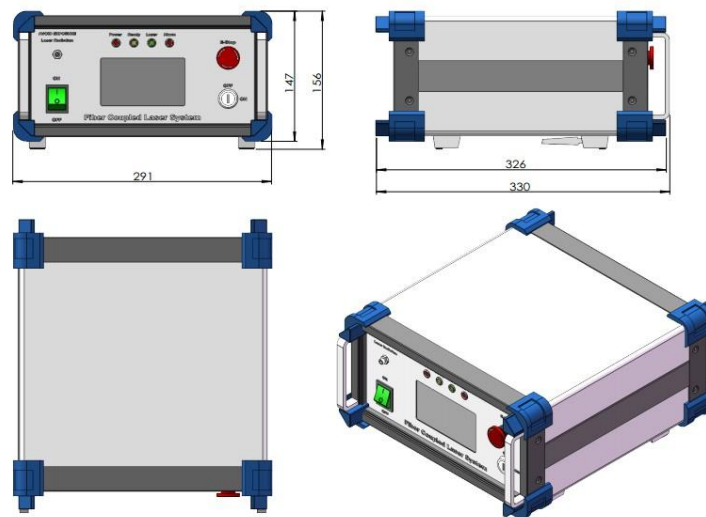
SPECIFICATIONS

Wavelength combination (nm)	980/1470	980/1940
Wavelength (nm)	±10/±10	±10/±20
Operating mode	CW	
Output power after fiber (W)	20/15	10/7
Power stability (rms, over 4 hours)	<3%, <2%, <1%	
Red pilot laser	Available on request	
Output type	One channel output	
Fiber type	MM fiber	
Fiber Core Diameter (μm)	400/ 200	400
Fiber Connector	SMA905	
Fiber Length (m)	1 (Other lengths are available on request)	
Fiber jacket	PVC or metal jacket	
Warm-up time (minutes)	<5	
Operating temperature (°C)	10~35	
Input voltage	100-240VAC	
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional	
Expected lifetime (hours)	10000	
Warranty	1 year	

Remark: Please consult CNI for customized configurations and modifications available.

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FC-xx



330 (L)×291 (W) ×156 (H) mm³