

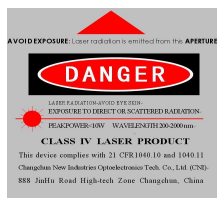
MSX-W

SPECIFICATIONS

X=II (Two lasers combined)
X=III (Three lasers combined)

Multi-wavelengths
Laser System

Multi-wavelengths laser system at different wavelength can provide various kinds of colors, such as red, orange, green... It is widely used for scientific research, medical treatment, OEM field and multimedia entertainment.



Laser Data	Wavelength (nm)	Output power (mW)	Transverse mode	Beam diameter at the aperture (mm)	Beam divergence, full angle (mrad)
UV	360nm	1~100	Near TEM ₀₀	~1.5	<1
	375Lnm	1~50	Near TEM ₀₀	~3.0	<0.5
	375nm	1~150	Multimode	<1.5×3.5	~2.3×0.2
Blue	405 nm	1~500	Near TEM ₀₀	~2.5	<0.5
		1~50	Near TEM ₀₀	~2.5	<1
	445nm	1~50	Near TEM ₀₀	~2.5	<1
		50~500	Multimode	<2.5×5.2	<2.1×1.6
		500~1000	Multimode	~2×5	<2.5×0.2
		1000~2000	Multimode	~2.7×2.7	<1.4×0.2
	447nm	1~50	Near TEM ₀₀	~2.5	<1
		50~500	Multimode	<2.5×5.2	<2.1×1.6
		500~1000	Multimode	~2×5	<2.5×0.2
		1000~2000	Multimode	~2.7×2.7	<1.4×0.2
	450nm	1~50	Near TEM ₀₀	~2.5	<1
		50~500	Multimode	<2.5×5.2	<2.1×1.6
		500~1000	Multimode	~2×5	<2.5×0.2
		1000~2000	Multimode	~2.7×2.7	<1.4×0.2
	473nm	1~100	TEM ₀₀	~1.2	<1.5
200~500		Near TEM ₀₀	~3	<1.5	
Green	520Lnm	1~40	Near TEM ₀₀	~3	<1
	520nm	1~1000	Multimode	<3×3	<1.5×0.5
		1~400	TEM ₀₀	~1.2	<1.5
		500~1000	TEM ₀₀	3~4	<1.2
Yellow	532nm	1000~1500	TEM ₀₀	~2	<1.5
		1~50	TEM ₀₀	~1.2	<1.5
		1~30	TEM ₀₀	~1.2	<1.5
Red	589nm	1~50	TEM ₀₀	~1.2	<1.5
	635Lnm	1~200	Near TEM ₀₀	~3	<1
		1~500	Multimode	~5×8	<2.5
	637nm	1~200	Near TEM ₀₀	~3	<1
	640nm	1~200	Near TEM ₀₀	~3	<1
	642nm	1~150	Near TEM ₀₀	~3	<1
	655Lnm	1~180	Near TEM ₀₀	~3	<1
	655nm	1~1000	Multimode	~5×8	<2.5
		1~100	Near TEM ₀₀	~1.2	<1.5
	660nm	200~400	Near TEM ₀₀	~2	<1.5
		1~200	TEM ₀₀	~1.2	<1.5
671nm	200~1000	TEM ₀₀	~2	<1.5	
	808Lnm	1~100	Near TEM ₀₀	~4	<1
Infrared	808nm	1~2500	Multimode	~5×8	<3
	980Lnm	1~150	Near TEM ₀₀	<3.5	<1
	980nm	1~2000	Multimode	~5×8	<3
		Operating mode	CW		
Power stability (rms, over 4 hours)	<3%, <5%				
Noise	Non-considering	<1% Noise of amplitude (rms, 20HZ~20MHz)			
Operating temperature (°C)	10~35				
Power supply	PSU-III-LED/ PSU-III-FDA/ PSU-H-LED/ PSU-H-FDA				
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz (10KHz-30KHz, optional)				
Expected lifetime (hours)	10000				
Warranty	1 year				



