

[All Products](#) / [Lasers](#) / [Laser Sources](#) / [Life Science Lasers](#)

Coherent® Single Frequency Sapphire™ SF NX Laser Systems

See More by [Coherent®](#)



- Ultra-Narrow <1.5 MHz Linewidth
- Output Powers up to 200mW
- 488 and 532nm Wavelength Options

Common Specifications

General			
Warm-Up Time (minutes):	<5	Manufacturer:	Coherent®
Type of Laser:	Solid State	Laser Class - CDRH:	IIIb
Physical & Mechanical Properties			
Pointing Stability after Warm Up (mrad/°C):	<5	Pointing Stability (µrad):	<30
Optical Properties			
Spatial Mode:	TEM ₀₀	Mode Quality, M ² :	<1.1
Beam Diameter Tolerance (mm):	±0.05	Beam Diameter (mm):	0.70
Electrical			
Power Stability (%):	<2	RMS Noise:	≤0.25% (20Hz to 20MHz)
Hardware & Interface Connectivity			
Power Supply:	Power Supply Required and Sold Separately: USA: #70-116 Europe: #70-116 Japan: #70-116 Korea: #70-116 China: #70-116	Output Type:	Free Space
Environmental & Durability Factors			
Operating Temperature (°C):	10 to 40		

Technical Information

Products

Wavelength (nm)	Output Power (mW)	Stock Number	Price	Buy
488.00	50	#70-112	C\$12,403.44	Contact Us
488.00	150	#70-113	C\$18,230.66	1 In Stock
532.00	75	#70-114	C\$12,178.74	Contact Us
532.00	200	#70-115	C\$19,384.12	1 In Stock



Copyright 2023, Edmund Optics Inc., 101 East Gloucester Pike, Barrington, NJ 08007-1380 USA

Phone: 1-800-363-1992 :

www.edmundoptics.com