

1120-1750nm Laser

NARROW-LINEWIDTH CW LASERS



(1)X is the center wavelength, Y is the output power, if 15W 1340nm amplifier, the partnumber is FL-SF-1340-15-CW

- High Power Narrow Linewidth
- Good Beam Quality Wide
- Wavelength Coverage Range Low
- Noise Seed Power Off
- Protection System
- Optical Communications Li
- Interferometry Frequency
- Doubled Fundamental Source Mid

Specifications

Parameter	Specification
Model Number	FL-SF-X-Y-CW (1)
Range	1120nm-1340nm / 1340nm-1530nm / 1600nm-1750nm
Output Power	>1W/8W/30W / >1W/5W/15W / >1W/5W
Typical wavelength	1315nm, 1389nm, 1651nm
Relative Intensity Noise	<1% (RMS, 10Hz-10MHz Integration)
Power Stability	<0.75% @3hours, RMS
Power Tuning Range	1-100%
Output Mode	Single Mode PM Fiber with FC/APCconnector (Output Power≤5W) OR Collimated Output
Beam Diameter	0.6±0.2mm
Beam Quality	TEM00, M ² <1.1
Polarization	Linear, >23dB
Output Laser Isolation	>25dB
Cooling	Air Cooling/ Water Cooling
Temperature	15-30 °C (Air Cooling) OR 15-35 °C (Water Cooling)
Power Supply	100V-240V, AC, 50/60Hz
Communication	RS422

Source: WaveQuanta product database. For ordering, customization (wavelength, power, package) and quotation, contact sales@wavequanta.com.