

1319nm Narrow linewidth laser

NARROW-LINEWIDTH CW LASERS

1319nm Narrow linewidth laser Based on Raman fiber amplifier technique, Precilasers can provide 1319nm high power output.



Specifications

Parameter	FA-SF-X-Y-CW (1)
Wavelength	1319nm
Output Power	>1W/8W/30W
Bandwidth (2)	>±5nm
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
Seed Laser Input Power	>10mW (3)
Seed Laser Input Isolation	>25dB
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.