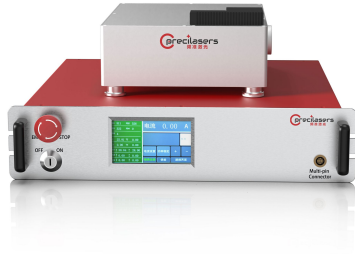


# 1013nm Narrow linewidth laser

## NARROW-LINEWIDTH CW LASERS



1013nm Narrow linewidth laser Based on Ytterbium-doped fiber amplifier technique, Precilasers can provide 1013nm high power and low noise amplifier.

- Low Intensity Noise Low
- Phase Noise Good Beam
- Quality

### Specifications

Parameter	FA-SF-1013-Y-CW (1)
Range	1012.5nm-1022.5nm / 1012.00nm-1014.00nm
Output Power	>0.1W/2W/10W/20W / >40W/80W/100W/130W/200W
Relative Intensity Noise	<0.05% (RMS, 10Hz-10MHz integration)
Power Stability	<0.75% @3hours, RMS
Power Tuning Range	1-100%
Output Mode (2)	Single Mode PM Fiber with FC/APCconnector (Output Power≤2W) 0.6±0.2mm(Output Power≤30W) 1.7±0.2mm(Output Power>30W)
Beam Quality	TEM00, M <sup>2</sup> <1.1
Polarization	Linear, >23dB
Seed Laser Input Power	≥10mW (3)
Seed Laser Input Isolation	>25dB
Output Laser Isolation	>25dB
Cooling	Air Cooling(Output Power≤20W)/Water Cooling (All Output Power)
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.