

# Raman fiber amplifier(1120-1750nm)

## FIBER AMPLIFIERS



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

- High Power Narrow Linewidth
- Excellent Beam Quality Wide
- Low Noise Seed Power
- Protection System
- Optical Communication Light Detection
- Ranging Frequency
- Doubled Fundamental Frequency Light
- Source Interferometry Mid

### Specifications

Parameter	FA-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
Bandwidth (2)	≥±5nm
Relative Intensity Noise	<1% (RMS, 10Hz-10MHz Integration)
Power Stability	<0.75% @3hours, RMS
Power Tuning Range	// 10-100% //
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 <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/ 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.