

# $\lambda$ -Nova 920

- Toward 900nm high power p-sec. light source -



## 900 ~ 930 nm Fiber Amplifier

- ◆ Broad Band Gain : > 30dB (900 ~ 930nm)
- ◆ Saturation Power : 200 mW
- ◆ PM Fiber Output : PER : > 100
- ◆ Maximum Pulse Energy : 1  $\mu$ J
- ◆ Maximum Peak Power : 1 kW
- ◆ Verified Data for Pulse Amplification
- ◆ Tunable Pulse Compressor (Option)



**Spectra Quest Lab. Inc**

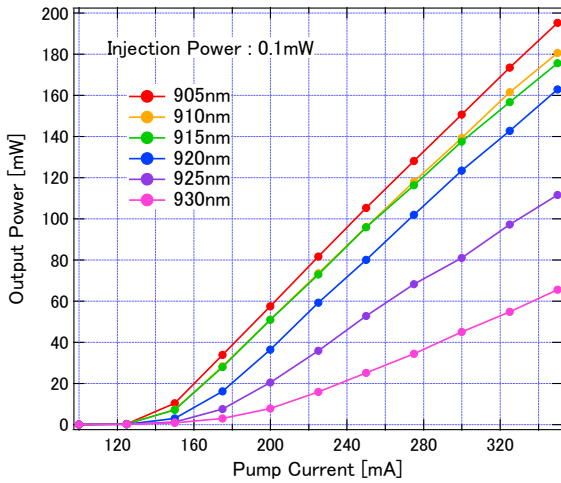
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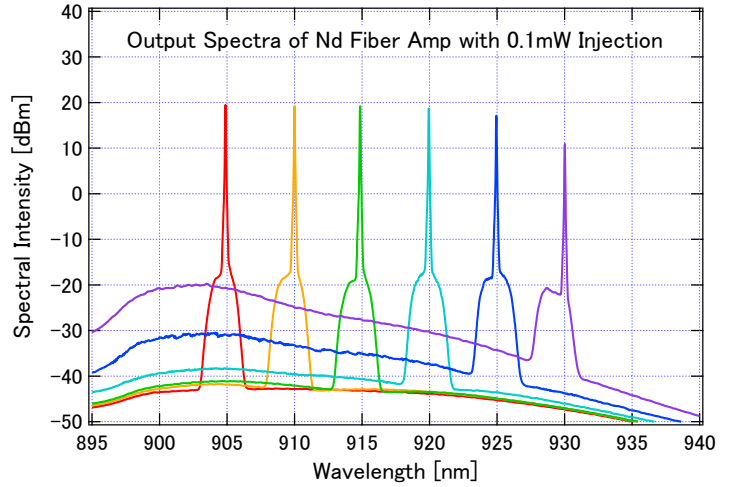
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# λ-Nova 920



**CW Output vs Pump Current**



**Output Spectra vs Injection Wavelength**

Specifications	λ-nova 920	Comments
Gain Band	900 ~ 930 nm	little extension is possible
CW Saturation Power	200 mW	up to 350 mW is possible
PM Fiber Output	PER: >20dB	FC/APC connector
Input Power	<100mW @ 900-930nm	FC/APC connector (fast axis blocked)
Power Control	0 ~ 100%	pump LDs current control with panel dial and monitor
Remote Control	LabVIEW Software	USB bus
Dimension , Weight	430x430x100mm, 10kg	AC Consent (100V-5A)

\*Specification may change without notification.



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