

# 900nm-Band ns/ps Tunable Laser



- *Pulse on Demand ns/ps Laser up to 100MHz rep.* -

- ◆ **Tuning Range : 890 ~ 930nm**
- ◆ **Output Linewidth: < 1GHz (Fourier Limit)**
- ◆ **Saturation Average Power: 100 mW**
- ◆ **Max. Peak Power : 100 W**
- ◆ **Pulse Width : 1 ~ 10ns (ps Optional)**
- ◆ **Pulse on Demand : up to 100 MHz**
- ◆ **Very High ASE Suppression : > 60dB**
- ◆ **PM Fiber Output : PER : 20dB**



**Spectra Quest Lab. Inc**

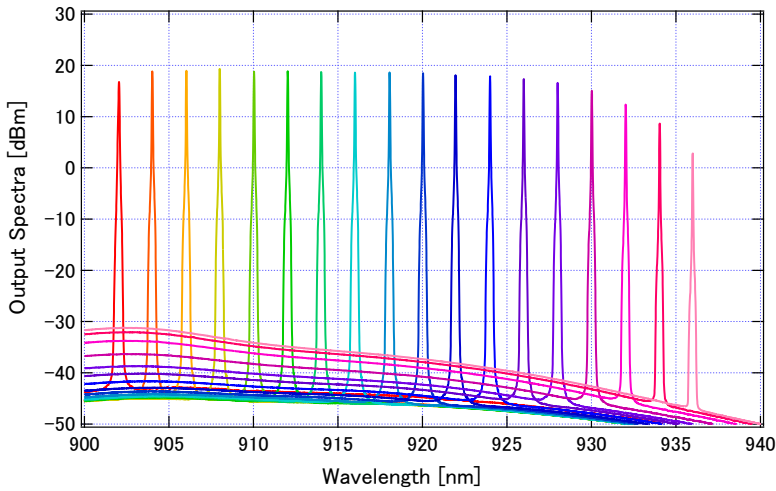
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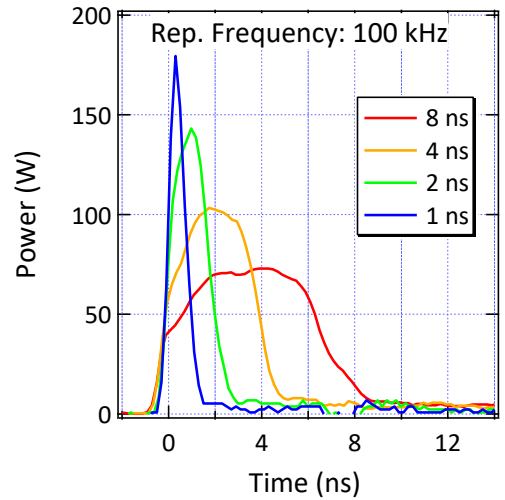
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## Output Spectra vs Wavelength Tuning



## Output Waveform



Specifications	$\lambda$ -nova Narrow 920	Comments
Tuning Band	890 ~ 930 nm	975 – 1080 nm is available
Laser Linewidth	< 1GHz	Fourier Limit
Saturation Output Power	100 mW	Average Power
PM Fiber Output	PER : 20dB	FC/APC connector
Pulse Width	1 to 10 ns	EO Upgrade: 25-100ps
Repetition Frequency	Single Shot to 100 MHz	
Trigger	Internal / External	Internal : 1.5kHz – 100 MHz
Power Control	0 ~ 100%	
Remote Control	EXE, LabVIEW Software	Via USB
Dimension , Weight	430x430x100mm, 10kg	AC Consent (100V-0.5A)

\*Specification may change without notification.



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