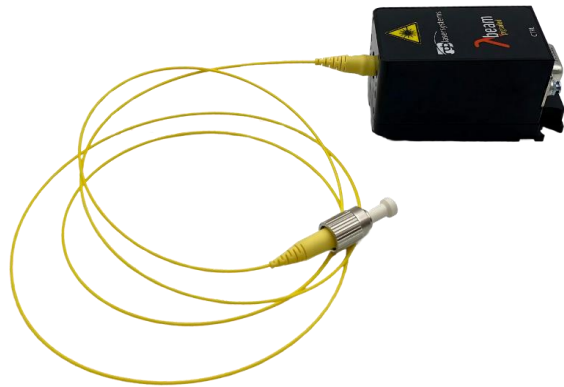




**785nm VHG-stabilized lasersystem**



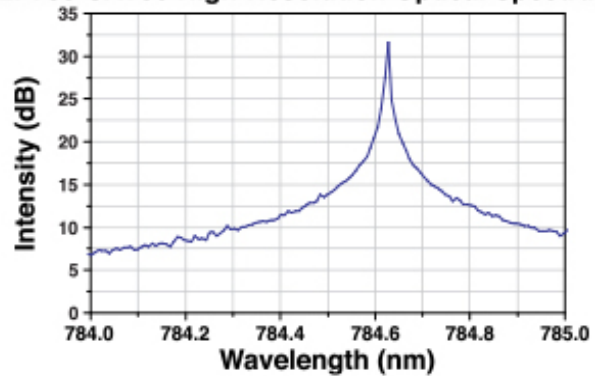
**KEY FEATURES:**

- \* 785 nm Center Wavelength
- \* Wavelength-Stabilized Output
- \* Narrow 10 MHz Typical Linewidth (CW)
- \* Pigtailed Single Mode Optical Fiber with FC/APC Connector (2.0 mm Narrow Key)
- \* Integrated Optical Isolator to Protect Against Back Reflections

**APPLICATIONS:**

- \* RAMAN Spectroscopy
- \* Microscopy

**LP785-SAV50 High-Resolution Optical Spectrum**



Parameters	MIN	Typical	MAX	Conditions
<b>Optical parameters</b>				
Wavelength	784 nm	785 nm	786 nm	
Output power	50 mW			
Power stability	+/- 1%			10h
Operating temperature	Within 15-30°C			
Spectral Width (FWHM)	0.05 pm			at recommended temperature & within the defined power range
<b>Reliability</b>				
Storage temperature	-10°C up to +65°C			
Expected lifetime (diode)	10,000 hours			at rated power & room temp.

All specifications are subject to change without notice. The latest versions can be found on our website.