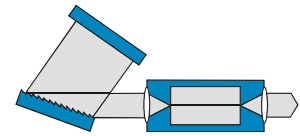
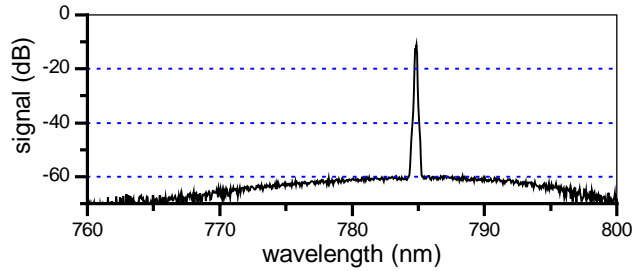


Lion Series: TEC-510-0785-150



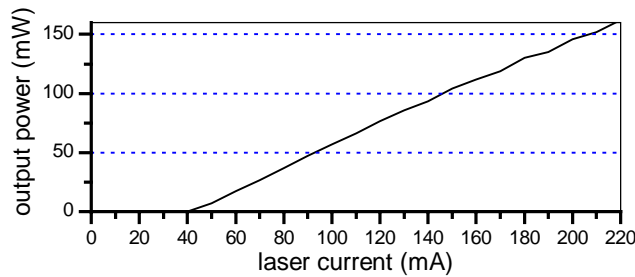
Description:

The TEC-510-0785-150 is an External Cavity Diode Laser in Littman Configuration. It is designed for applications, which require high output power as well as low linewidth like Raman spectroscopy.



prealigned wavelength

wavelength: 785nm
power: >150mW



PI curve at 785 nm

Specification:	output power	>150mW, typ. 180mW at gain maximum
	beam profile	elliptic, typ. Ratio = 1:3
	polarization	linearly, typ. > 20:1
	linewidth (50ms)	< 1MHz, typ. < 0.5MHz
	linewidth (20s)	< 5MHz, typ. < 2MHz
	side mode suppression	> 45dB, typ. > 50dB
	fine tuning range (modehop free)	no modehops during power tuning
	long term drift (24 h)	typ. < 1 GHz

Document: <http://data.sacher-laser.com/Lion/RLi07850150.pdf>
 Note: Specification are subject to change without further notice.

