High Speed Scanning C-band Laser Source

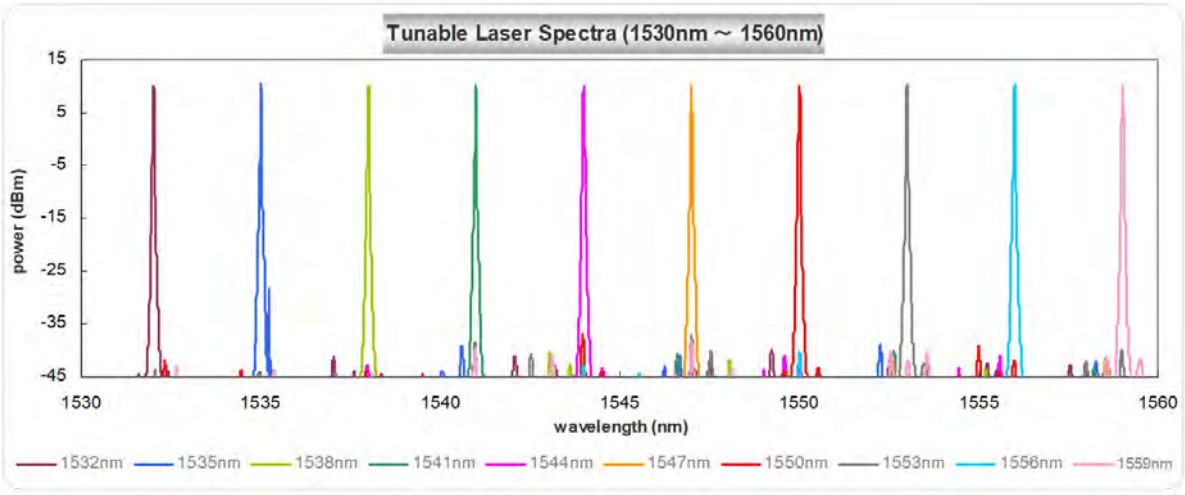
HSL-200C-10-PM

- Fast Scanning Time of <100ms Across C-band Range
- Good Wavelength Repeatability & Accuracy



Specifications

Category	Parameter	Specificfation			
		Min.	Typ.	Max.	Unit
Wavelength Characteristics	Tuning Range	1530		1560	nm
	Setting Accuracy		+/-10		pm
	Setting Resolution		5		pm
	Repeatability		+/-5		pm
	Stability @ 25°C +/- 1°C (Static Condition)		+/-2		pm
	Scanning Speed across Full Band		10	100	Hz
Output Power Characteristics	Output Power	10	12		dBm
	High Power (Optional)		20, 23 or 30		dBm
	Power Flatness Over Wavelength Range (Exclude High Power Option)		< +/- 0.5		dB
Other Optical Characteristics	Laser Linewidth (Static, Lorentzian Fitting)		35	80	MHz
	Side Mode Suppression Ratio (SMSR)	35	> 40		dB
	Polarization Extinction Ratio (PER) (Static Condition)	16	18		dB
	Output Connector		FC/SPC, FC/APC, SC/SPC. SC/APC		
Electrical Characteristics	PC Interface		USB		
	Trigger Output #1		Laser Start Scan, SMA Connector		
	Trigger Output #2		Wavelength Clock Output, SMA Connector		
	Power Supply		AC 100~240 (50/60Hz)		Vac
Physical	Dimension (W x H x D)		236 x 88 x 380		mm
	Weight		7		kg



Typical Laser Spectra at Various Wavelength Positions

Ordering Information