

High Speed Scanning C-band Laser Source

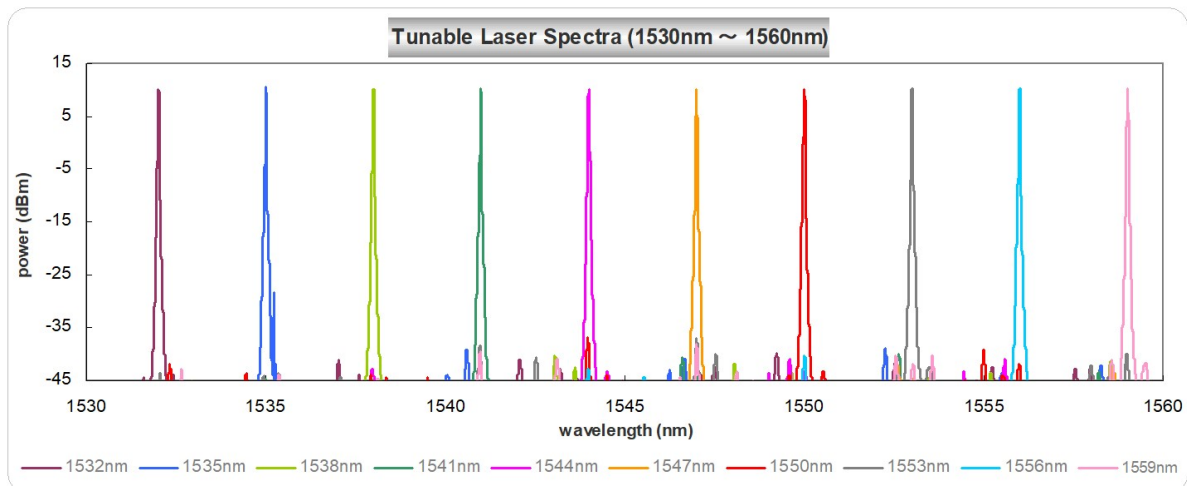
HSL-200C-10-PM

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



Specifications

Category	Parameter	Specification			Unit
		Min.	Typ.	Max.	
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
Other Optical Characteristics	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			
Electrical Characteristics	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
Physical	Weight	7		kg	



Typical Laser Spectra at Various Wavelength Positions

Ordering Information

HSL-200C-10-PM-XX, XX: FS, FA, SS, SA