

Narrow-Linewidth Tunable Laser

TLG-220

- Affordable narrow-linewidth (< 100kHz) tunable laser
- 1MHz wavelength tuning resolution

1550nm

Narrow Line-Width

Max. 4ch

Remote

Module Possible



Specification

			unit
Number of channel	module	1 or 2	ch
	benchtop	1 to 4	ch
Output power range		+ 9.5 to +15.5	dBm
Optical power accuracy		+/-1	dB
Wavelength range ¹		1528.90 to 1567.21	nm
Frequency range ¹		191.29 to 196.09	THz
Channel spacing		Continuous	GHz
Frequency fine tune resolution		1	MHz
Frequency fine tune range		+/-6	GHz
Frequency accuracy		+/-2.5	GHz
Linewidth (FWHM), instantaneous		< 100	kHz
Side mode suppression ratio (SMSR)		> 40	dB
RIN		-145	dB/Hz
Polarization extinction ratio (PER)		> 18	dB
Warm-up time		30	s
Optical fiber		PMF	
Optical connector		FC or SC, SPC or APC	
PC interface	module	RS-232	
	benchtop	USB and GPIB	
Power supply	module	DC 9 V, 1 A	
	benchtop	AC 100-240 (50 / 60 Hz)	V
Dimension (W x H x D)	module	150 x 43.5 x 235	mm
	benchtop	236 x 88 x 380	mm
Weight	module	1	kg
	benchtop	5	kg

1. Please inquire for L-band laser.

The above specifications may change without prior notice.

Ordering Information

TLG - 220 - S - - -

ch1 ch2 ch3 ch4

Wavelength	Package Type	Connector Type
C : C-band	M : Module	FS : FC/SPC SS : SC/SPC
L : L-band	B : Benchtop	FA : FC/APC SA : SC/APC
N : N/A		

