C/L Narrow Linewidth Tunable Laser Module

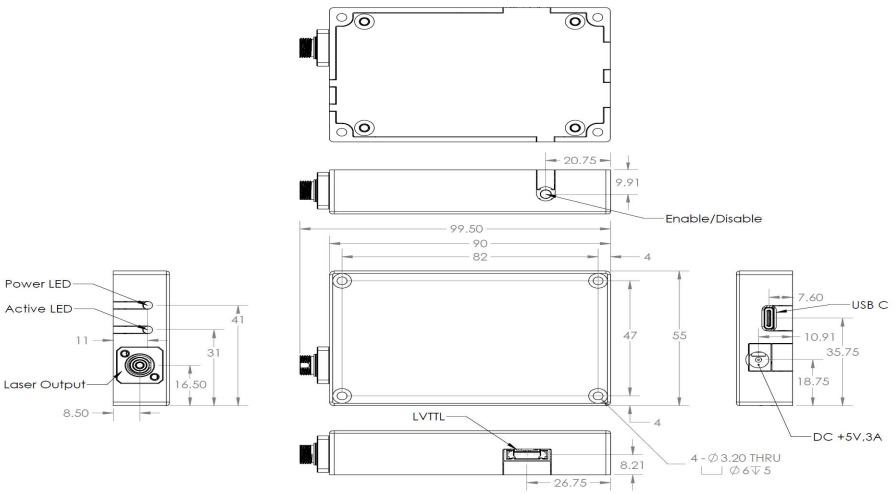
TLG-220-S-C/L-Mini-FA

- C-band/L-band wavelength coverage
- Narrow-linewidth (<100kHz) tunable laser
- Business card size



Specification

Parameter		Value	Unit
Number of channel		1	ch
Output power range	C-band	+9.5 ~ +15.5	dBm
	L-band	+9.5 ~ +13.5	dBm
Optical power accuracy		+/- 0.25	dB
Wavelength range [1]	C-band	1528.900 ~ 1567.210	nm
	L-band	1568.772 ~ 1611.787	nm
Frequency range [2]	C-band	191.2900 ~ 196.0900	THz
	L-band	191.1000 ~ 196.2500	THz
Channel spacing		Continuous	
Frequency fine tune resolution		1	MHz
Frequency fine tune range		+/- 6.0	GHz
Frequency accuracy		+/- 2.5	GHz
Linewidth (FWHM), instantaneous		< 100	kHz
Side mode suppresion ratio (SMSR)		> 40	dB
Relative intensity noise (RIN)		-145	dB/Hz
Polarization extinction ratio (PER)		> 18	dB
Warm-up time		30	s
Optical fiber type (Slow axis)		Panda PM1550	
Optical connector		FC/APC	
PC interface		USB-C, LVTTL3.3V	
Electrical connector		DC Jack, 2.1mm ϕ	
Power supply		DC+5V, 3A	
Operating temperature		+15 to +40	°C
Storage temperature		-10 ~ +55	°C
Dimension (W x H x D)		55 x 15 x 90	mm
Weight		< 0.5	kg



Ordering Information

TLG-220-S-C/L-Mini-FA

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