

Specifications

Parameter		Unit	HSL-2100					
			Standard	High-speed	Wide range	High-linearity	High-speed Wide range	Large coherence
Wavelength scan *1	Center wavelength	nm	1315-1340	1315-1340	1290-1320	1315-1340	1300-1330	1315-1340
	Scan range	nm	≧110	≧80	≧170	≧110	≧140	≧30
Output power *2	Peak	mW	≧20	≧20	≧20	≧20	≧15	≧8
	Average	mW	≧12	≧12	≧10	≧12	≧9	≧5
Scan rate		kHz	20	50	20	20	50	3
Coherence length		mm	≧10	≧6	≧6	≧8	≧6	≧60
Duty cycle		%	≧65	≧90	≧60	≧60	≧65	≧40
Linearity (k-space)		%/100nm	-	-	-	0.25	-	-
Trigger		-	Integrated start trigger					
Output optical fiber		-	SMF					
Output optical connector		-	FC connector,APC polish					
Operation environment	Temperature	°C	15 - 35					
	Humidity	%	<80, no condensation					
Electric power		-	AC100V - 240V±10% , 50/60Hz					
Power consumption		VA	70 @ AC 100 - 120V, 80 @ AC 230 -240V					
Size (W) × (D) × (H)		mm	343 × 376 × 153					
Weight		kg	10					

Parameter		Unit	HSL-1100				
			Standard	High-speed	Wide range	Large coherence	High-speed Wide range
Wavelength scan *1	Center wavelength	nm	1045-1075	1045-1075	1045-1075	1045-1075	1045-1075
	Scan range	nm	≧70	≧70	≧120	≧20	≧80
Output power *2	Peak	mW	≧12	≧12	≧12	≧6	≧12
	Average	mW	≧8	≧8	≧5	≧4	≧5
Scan rate		kHz	30	50	20	3	50
Coherence length		mm	≧6	≧6	≧6	≧60	≧4
Duty cycle		%	≧65	≧90	≧60	≧40	≧90
Linearity (k-space)		%/100nm	-	-	-	-	-
Trigger		-	Integrated start trigger				
Output optical fiber		-	SMF (HI 1060 Fiber)				
Output optical connector		-	FC connector,APC polish				
Operation environment	Temperature	°C	15 - 35				
	Humidity	%	<80, no condensation				
Electric power		-	AC100V - 240V±10% , 50/60Hz				
Power consumption		VA	70 @ AC 100 - 120V, 80 @ AC 230 -240V				
Size (W) × (D) × (H)		mm	343 × 376 × 153				
Weight		kg	10				

* Please note, these specifications are subject to change due to on-going engineering developments.

* 1: Wavelength range of -10dB down from peak power

* 2: Saw tooth waveform

Ordering Code

HSL-2100 -

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ST : Standard, HS : High-speed, WR : Wide range, HL : High-linearity, HW : High-speed Wide range, LC : Large coherence length

HSL-1100 -

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ST : Standard, HS : High-speed, WR : Wide range, HW : High-speed Wide range, LC : Large coherence length

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