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<b>NAME</b>	LASER AND LED QUICK REFERENCE CARD
<b>Part #</b>	QR-LASER

# SLS5XX Series Sources

## Quick Reference



### External Connector Instruction

- ① **Fiber Optic Output**  
(1310/1550nm)
- ② **Fiber Optic Output**  
(1625nm or 1650nm)
- ③ **Ext. AC Power Jack**  
SLS can be operated with an External Power Adapter 9V DC@250mA.



SLS is supplied with SC/PC fiber optic connectors (interchangeable LC/FC/ST). This is a flat polished connector; do not connect angle polished connectors to the bulkhead.

## Keypad Functions

[  ]

Power on or off the instrument. With the default setting, the SLS will conserve battery life by automatically turning itself off if no key has been pressed for approximately 5 minutes.

[  $\mu$ W/dBm ]

Press this key to switch the display mode from absolute power (dBm) to microwatt( $\mu$ W). The current optical power will be displayed on LCD.

[ CW/Mod ]


Press this key to switch the output of SLS from CW to the desired modulation frequency

[  $\lambda$  ]

Press this key to select the desired wavelength. The current wavelength will be displayed on LCD.

**The External Power LCD Indicator will illuminate when the unit is supplied from the external power adapter.**



	<h2>CAUTION</h2>
	<p>To avoid serious eye injury, never look directly into the bulkhead of fiber optic network equipment, test equipment, patch cords, or test jumpers.</p> <ul style="list-style-type: none"> <li>• Always avoid looking directly into the bulkhead port.</li> <li>• Always replace protective dust cover when the instrument is not being used.</li> <li>• Always avoid looking directly at the unconnected end of any fiber optic connector.</li> </ul>

# Specifications

MODEL	SLS520	SLS525	SLS530	SLS535	SLS536
Wavelength ( $\pm 20\text{nm}$ )	1310/1550	850/1300	1310/ 1490/ 1550	1310/ 1550/ 1625	1310/ 1550/ 1650
Range of Use	Singlemode	Multimode	Singlemode		
Emitter Type	FP	LED	FP		
Spectral Width	$\leq 5\text{ nm}$	$\pm 40\text{ nm}$	$\leq 5\text{ nm}$		
Output Power Typical/ Minimum	0dBm/ -1dBm	-20dBm/ -21dBm	0dBm/-1dBm		
Output Power Stability	$\pm 0.05$ dB/15min; $\pm 0.10$ dB/8hr	$\pm 0.05$ dB/15min; $\pm 0.15$ dB/8hr	$\pm 0.05\text{ dB/15min};$ $\pm 0.10\text{dB/8hr}$		
Modulation Frequency	270Hz, 1kHz, 2kHz				
Display	LCD				
Battery Life	25 hours				
Connector Type	SC/PC (Interchangeable LC, ST, SC)				
Power Supply	9V Alkaline or 1000mAh Lithium Battery / 9V AC adapter				
Operating Temperature	$-10\text{ to }+50^{\circ}\text{C}$				
Storage Temperature	$-20\text{ to }+70^{\circ}\text{C}$				
Relative Humidity	0 to 95% (non-condensing)				
Weight	0.71 lbs (320g)				
Dimensions (H x W x T)	6.1 x 3.5 x 1.3" (155 x 88 x 33mm)				
IP Rating	IP54				
Vibration	5Hz to 150Hz, Amplitude = 0.15mm				
Shock	Peak acceleration 25g at a pulse duration of 6ms				
Compliance	CE, FCC, 21 CFR 1040.10 (laser)				

Specifications subject to change without notice.