



QLS Series Laser Source Quick Guide

Note: This Quick Guide covers QLS series laser source.
Please refer to the actual model for product photos and specifications.

*Image for reference only



Model Specification

Items		Specifications					
		QLS-QUAD					
Wavelength	1310/1550nm						
	1310/1490/1550nm						
	850/1300/1310/1550nm	√					
	1310/1550/1490/1625nm						
Others	Output power	-5dBm(typical)					
	Power adjust range	±3dB	Fixed	±3dB	Fixed	Fixed	Fixed
	270/330/1k/2kHz modulation	√	√	√	√	√	√
	TWIN: Auto wavelength recognition code	√	√	√	√	√	√
Output stability ^② (Preheat at 23°C for 15 minutes)		Single mode wavelength: Short term stability (15 minutes): <0.05dB;					
		Multimode wavelength: Short term stability (15 minutes): <0.1dB;					
		Single mode wavelength: Long term stability (8 hours): <0.1dB;					
		Multimode wavelength: Long term stability (8 hours): <0.2dB;					
Powersupply		2×Ni-MH AA rechargeable batteries (not included) Input: AC100~240V; Output: DC5V/1A					
Charging port		USB Type-C					
Work temperature		-10°C ~ +50°C					
Storage temperature		-20°C ~ +70°C					
Size/Weight		160L×76W×45H(mm) /260g					

1: The above specifications apply under the condition of 23°C ±1°C, using FC connectors

2: After a 15-minute warm-up, measure using an APC connector on the power meter (for multimode laser sources, use PC connector)

Introduction

The QLS series handheld laser source has multiple emission wavelengths and can be configured with up to 4 test wavelengths simultaneously. When combined with an optical power meter, it can achieve insertion loss detection of fiber optic lines, fiber optic devices, etc. The QLS handheld laser source also has the TWIN wavelength recognition code function, which can be used in conjunction with the optical power meter to achieve automatic wavelength recognition function.

Features

- Both single mode and multiple mode laser wavelength are available
- With QPM series power meter, automatic wavelength identification can be realized
- Stable output laser, rugged and portable
- Auto power-off and backlight function
- Support CW, 270Hz, 330Hz, 1kHz and 2kHz mode output
- Type-C charging port

Button Definition



No	Function
1	Long press to turn on/off Long press and hold until the device is fully turned on to disable the automatic shutdown function
2	Short press to switch the output wavelength of the laser source Short press to switch between Single mode and TWIN mode Single mode: Auto wavelength recognition code turned off TWIN mode: Auto wavelength recognition code has been enabled, and with the FHP2 optical power meter, automatic wavelength recognition can be achieved
3	Long press to turn on the button sound
4	Short press to switch the laser source output channel (only applicable to QLS-QUAD)
5	Short press to switch working modes, CW continuous mode and frequency modulation modes 270Hz/330Hz/1kHz/2kHz
6	Short press to turn on/off screen backlight