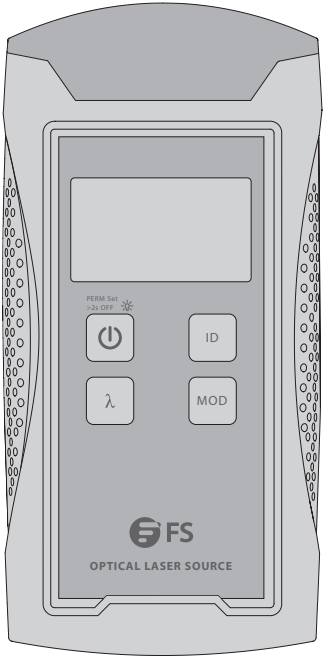


Fiber Testers

OPTICAL LIGHT SOURCE

Quick Start Guide V1.0

Introduction

The handheld optical light source is a fiber optic tester which can provide dual-wavelength laser output. It provides excellent power stability for FTTx networks and fiber network testing. When combine with a power meter, it offers a quick and accurate testing solution on both single mode and multimode fibers. The figures below display the product images of the four optical light sources.

FOLS-201/FOLS-202

FOLS-203/FOLS-204

Accessories

FOLS-201/FOLS-202

SC Adapter x1

FC Adapter x1

FOLS-203/FOLS-204

SC Adapter x1

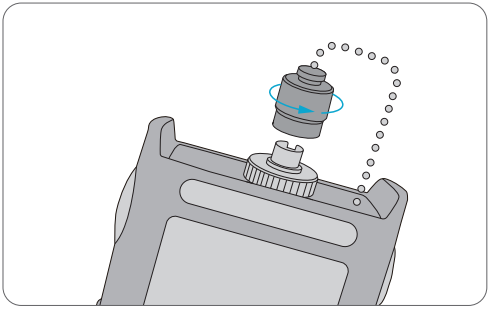
ST Adapter x1

FC Adapter x1

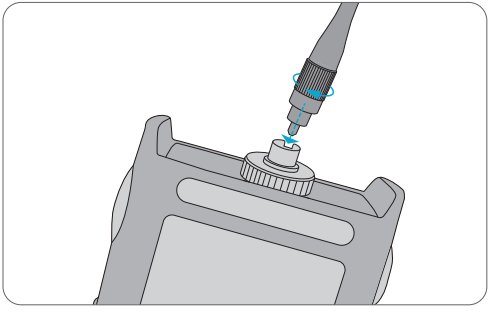
CD x1

Installing

Inserting FC Cables

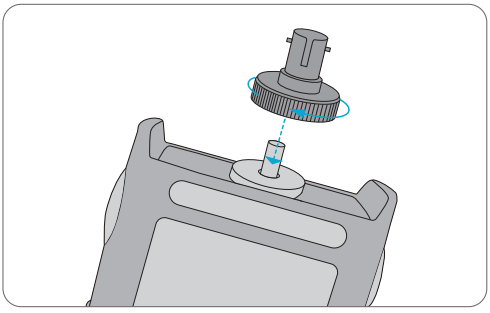


1. Remove dust cap.

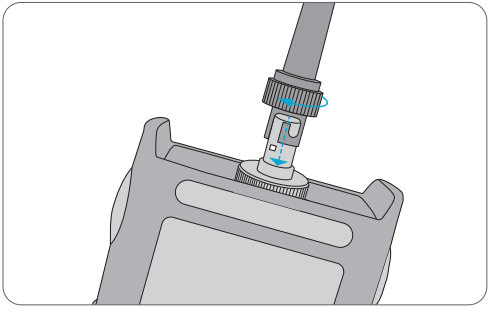


2. Install FC fiber cable.

Inserting ST Cables

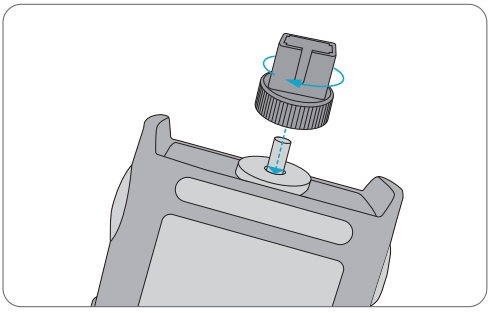


1. Install ST connector.

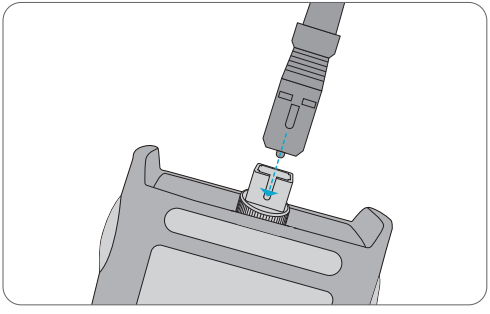


2. Install ST fiber cable.

Inserting SC Cables



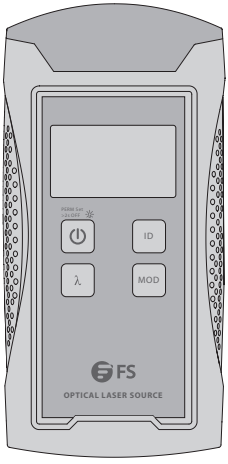
1. Install SC connector.



2. Install SC fiber cable.

FOLS-201/FOLS-202

Function Introductions



Button	Description
PERM Set >2s OFF	Power/Backlight Button
λ	Output Wavelength Shift Button
ID	Wavelength ID Button
MOD	Load Modulation Button

Operation Instructions

1. Power On/Off and Auto-off Function

Press ⏻ button to turn on the instrument. Press it again for 2 seconds or more to turn off the instrument.

This light source has a power-saving function. If 10 minutes without any operation, the instrument will automatically shut down. If you need to disable this function, only need to press the ⏻ button for 2 seconds when you turn on the instrument till it displays "PERM".

2. Backlight Function

When the instrument is powered on, short press ⏻ button, you can control the backlight function on or off. The backlight function supports you to use the light source at night or darker occasions.

3. Select Wavelength

After pressing λ button, you can select the required output wavelengths.

The power meter or other measuring instrument should select correspond wavelength of light source.

4. Modulation Output

After pressing MOD button, you can load a modulation current output laser.

This instrument has 3 modulations for selection: 270Hz, 1KHz, 2KHz.

5. Wavelength Identification

Press ID button, the light source will output with wavelength ID and LCD will display "ID". If work with the paired power meter with WAVE ID function, the optical power meter will change to the same wavelength automatically.

FOLS-203/FOLS-204

Function Introductions

Button	Description
	Power Button
	Modulated Wavelength Shift Button
	Backlight Control Button
	Wavelength Shift Button

Operation Instructions

1. Power On/Off and Auto-off Function

Press button briefly. The instrument powers on.

Press button briefly again. The instrument powers off.

NOTE: Auto-off function

(1) The instrument will power off automatically if 10 minutes without any operation.

(2) While in the power-on state, press button for about 2 seconds to turn off the "Auto-off" function.

2. Select Wavelength

Press λ button to select the wavelength between 1310nm and 1550nm (FOLS-203), or between 850nm and 1300nm (FOLS-204).

3. Frequency Output

The instrument defaults to CW when it switches on. When it sets to CW, there is no frequency on display.

Press button to select the output among 270Hz, 1kHz and 2kHz.

4. Switch Backlight of LCD On/Off

Press button to switch the backlight of the LCD on and off.

Maintenance

(1) The interface is sensitive, please carefully plug in and pull out the adapter.
(2) Take out the batteries when not in use.
(3) Keep regular cleanings on optical port of an optical light source with cotton swabs.
(4) In order to avoid the electric shock, please do not disassemble the components. Disobeying the standard instruction may lead to safety issues.
(5) In order to avoid the measurement errors, please cover the dust-proof cap to ensure the optical interface is clean when the unit is not in use.
(6) Do not view the laser output directly when using the optical light source. Or else, personal injury should not be attributed to the product and FS.

Online Resources

- Download **https://www.fs.com/download.html**
- Help Center **https://www.fs.com/service/help_center.html**
- Contact Us **https://www.fs.com/contact_us.html**

Product Warranty

FS ensures our customers that any damage or faulty items due to our workmanship, we will offer a free return within 30 Days from the day you receive your goods.

Warranty: All Optical Light Sources enjoy 1 year limited warranty against defect in materials or workmanship. For more details about warranty, please check at https://www.fs.com/policies/warranty.html

Return: If you want to return item(s), information on how to return can be found at https://www.fs.com/policies/day_return_policy.html

Q.C. PASSED

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