FS FOLS-201 Handheld Fiber Optical Light Source User Guide
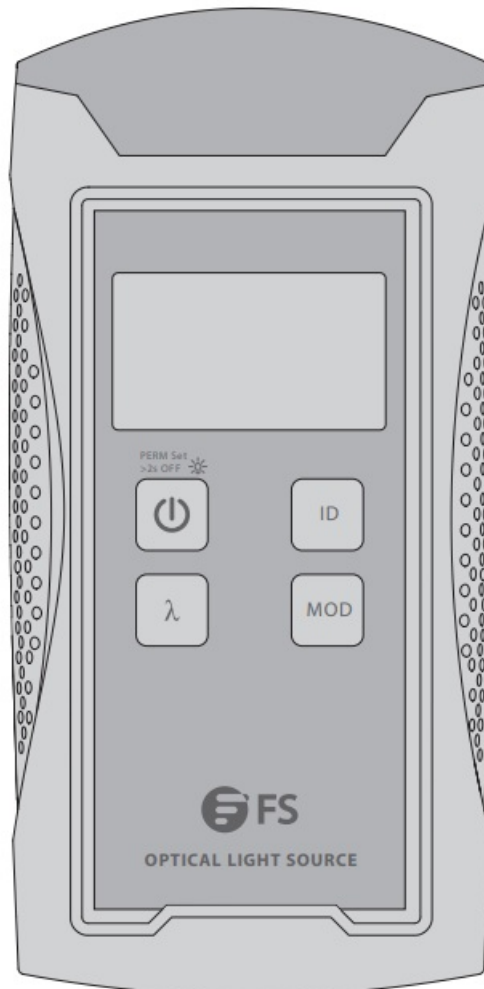
**FOLS-201 Handheld Fiber Optical Light Source
User Guide**

OPTICAL LIGHT SOURCE V2.0
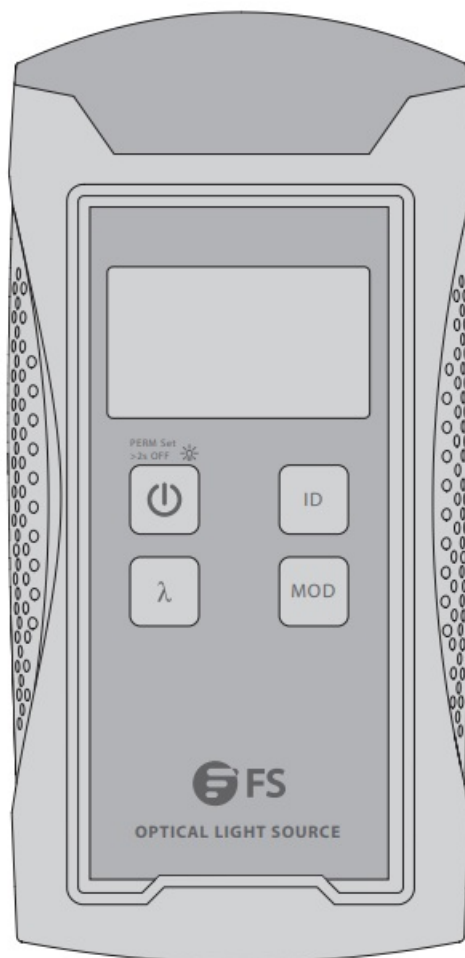**Quick Start Guide**

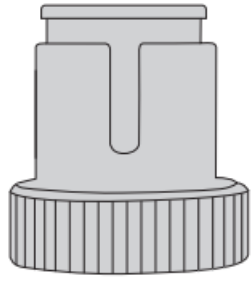**Contents** [**hide**

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 two optical light sources.
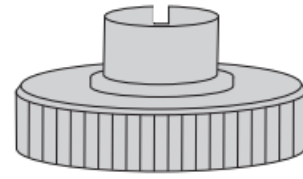

FOLS-201/FOLS-202

Accessories
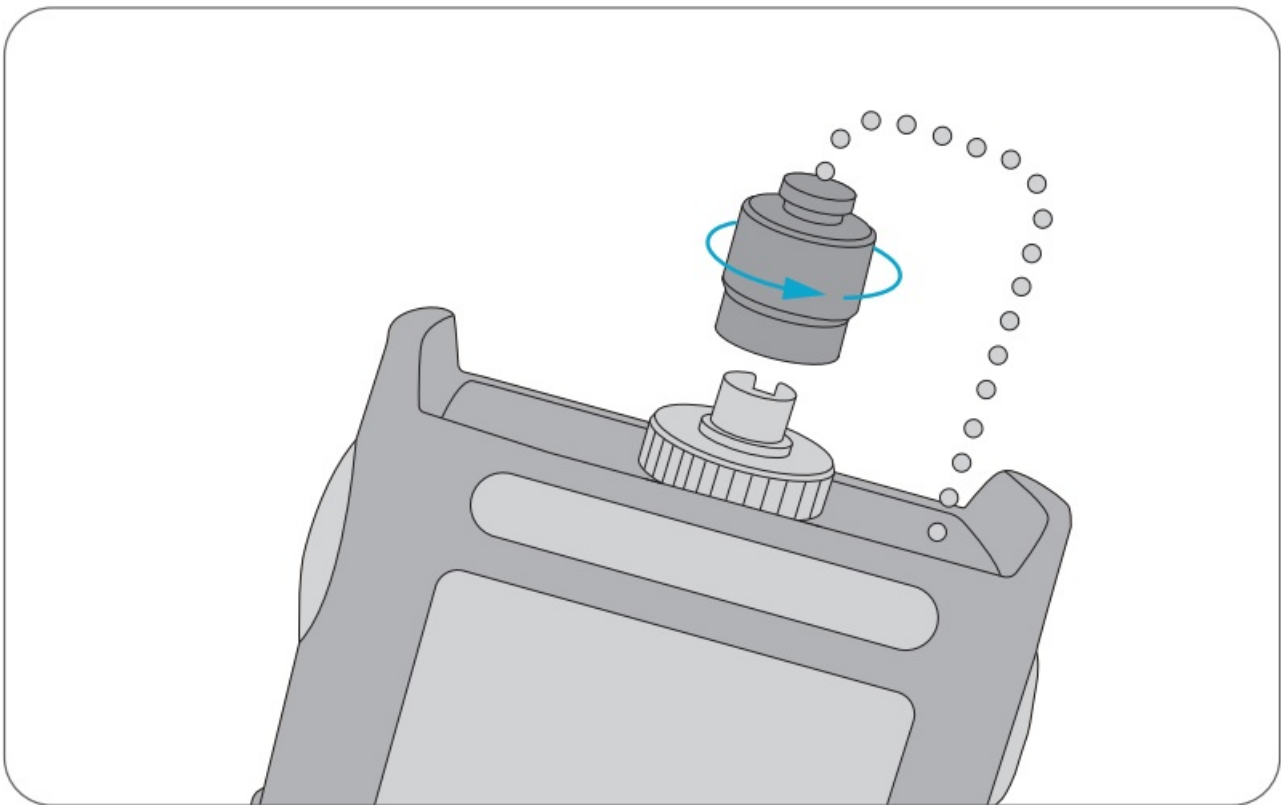
FOLS-201/FOLS-202
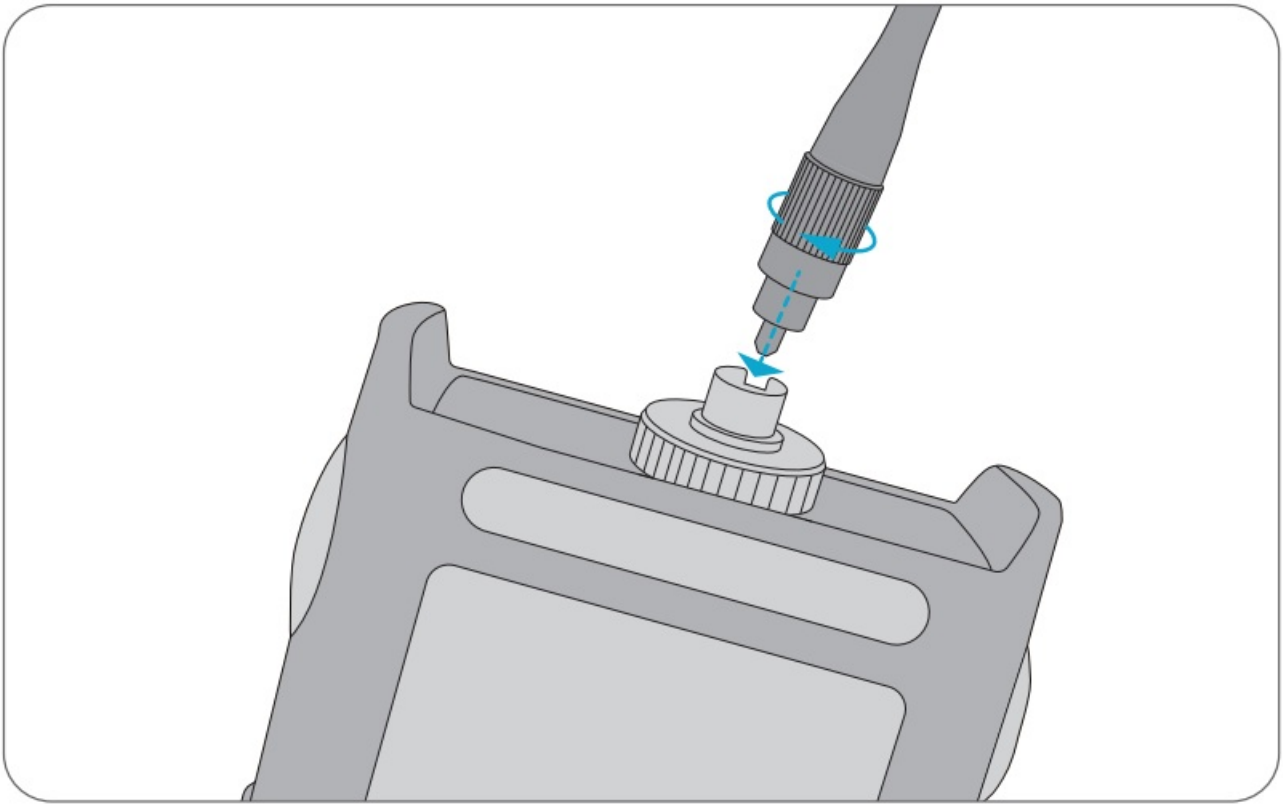
SC Adapter x1   FC Adapter x1
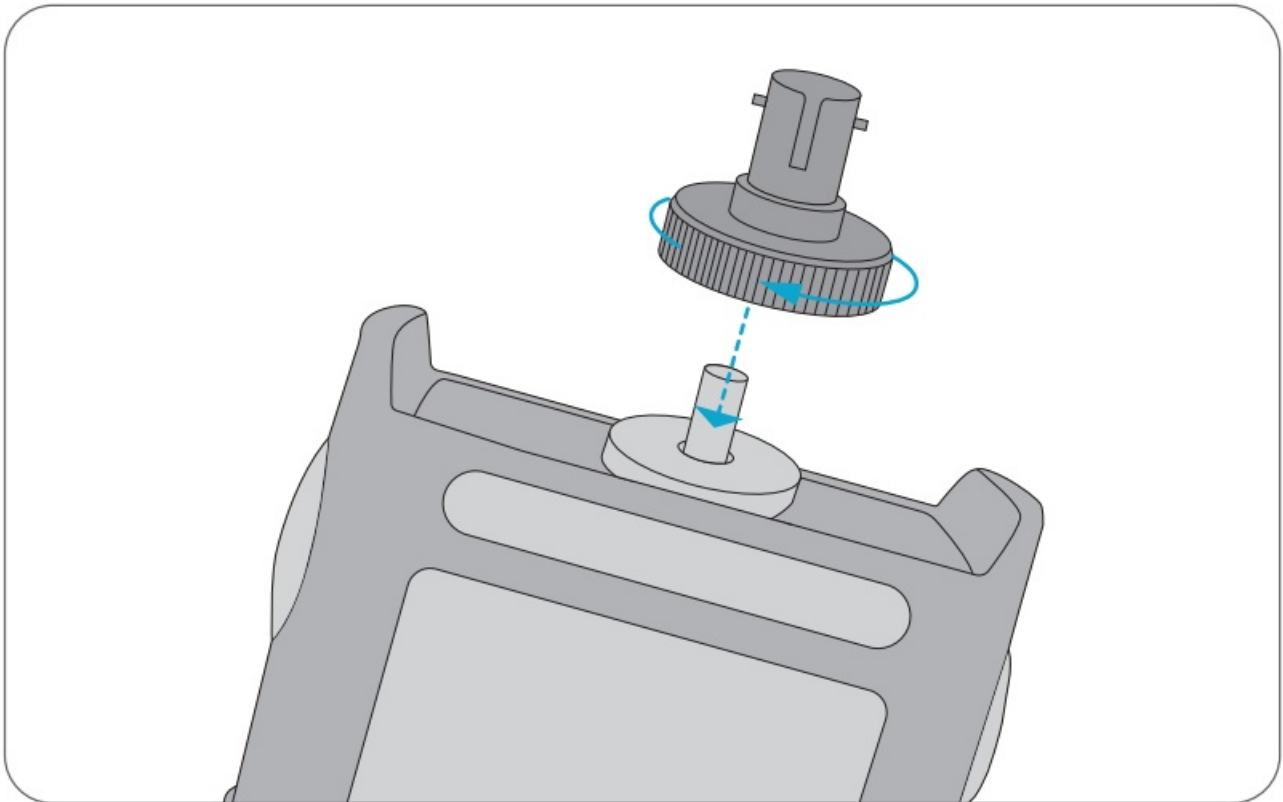
Installing

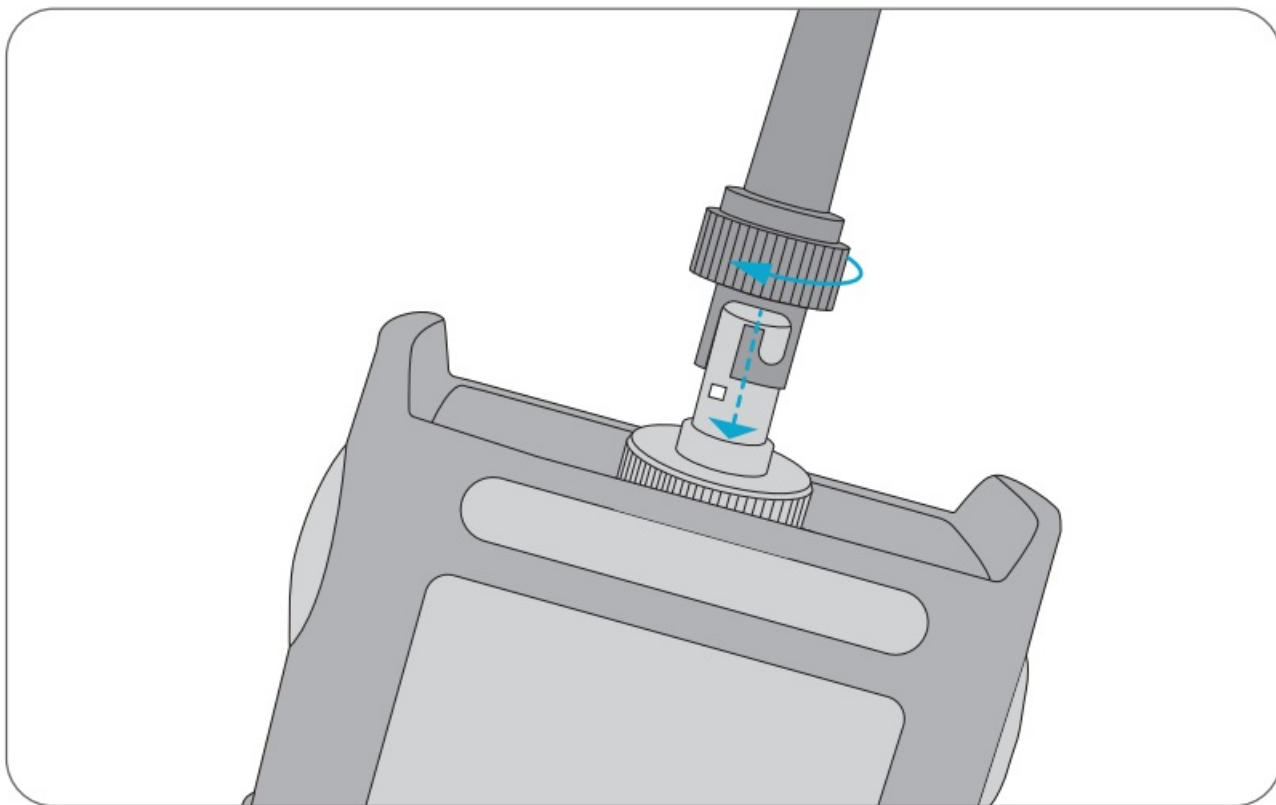Inserting FC Cables

1. Remove dust cap.
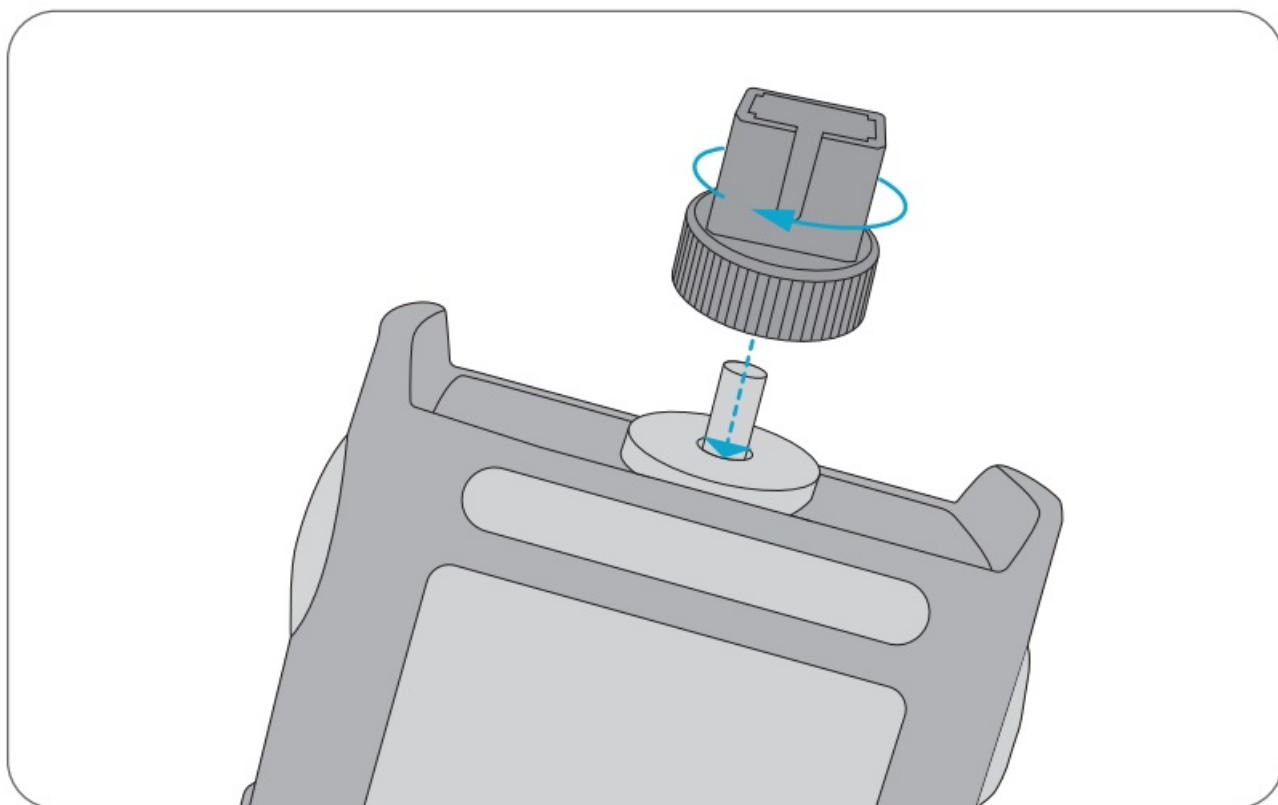
2. Install FC fiber cable.
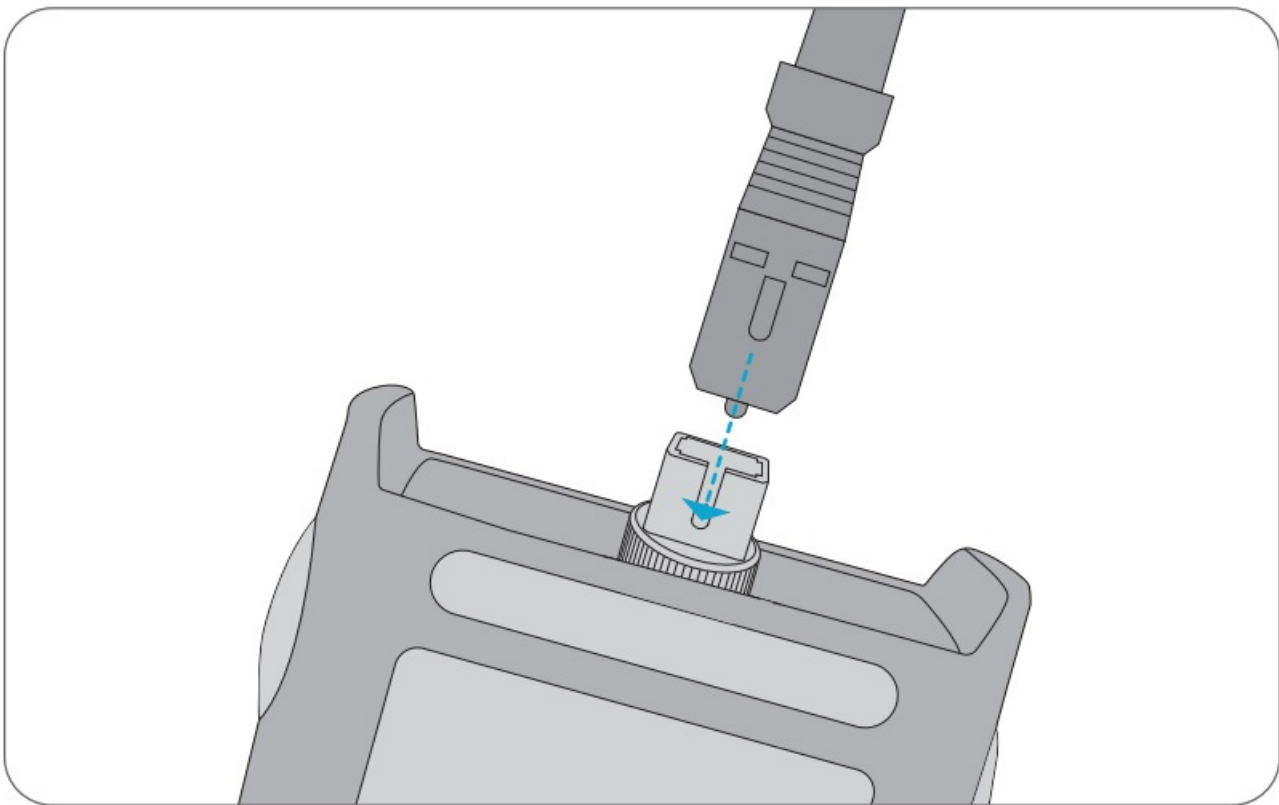
Inserting ST Cables

1. Install ST connector.

2. Install ST fiber cable.

Inserting SC Cables

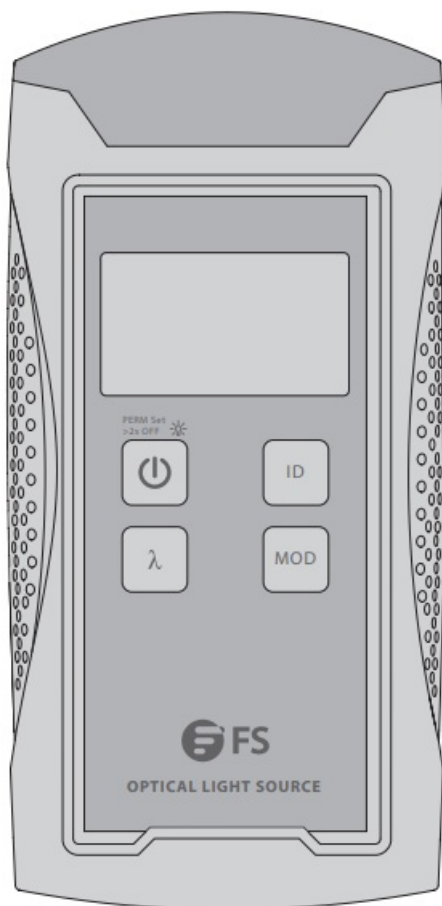1. Install SC connector.

2. Install SC fiber cable.

FOLS-201/FOLS-202

Function Introductions

Button	Description
⏻	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 button λ , 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 button MOD , you can load a modulation current output laser. This instrument has 3 modulations for selection: 270Hz, 1KHz, 2KHz.

5. **Wavelength Identification**

   Press button ID , 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.

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

Compliance Information

FCC
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
–Reorient or relocate the receiving antenna.
–Increase the separation between the equipment and receiver.
–Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
–Consult the dealer or an experienced radio/TV technician for help.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
CAUTION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.
Responsible party (only for FCC matter)
FS.COM Inc. 380 Centerpoint Blvd, New Castle, DE 19720, United States **https://www.fs.com**
CE
FS.COM GmbH hereby declares that this device is in compliance with the Directive 2014/30/EU. A copy of the EU Declaration of Conformity is available at **https://www.fs.com/company/quality_control.html**

Documents / Resources

FS FOLS-201 Handheld Fiber Optical Light Source [pdf] User Guide
FOLS-201, FOLS-202, FOLS-201 Handheld Fiber Optical Light Source, Handheld Fiber Optical
Light Source, Fiber Optical Light Source, Optical Light Source, Light Source, Source