OCI625
Optical Fiber Identifier

User Guide _ Version 1.0

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Disclaimer

Warranty

Ascentac warrants the product against defects in material and workmanship within (1) year from the date of delivery. Under normal use and service, the product will be free from physical defects in material and workmanship during the warranty period, or the product will be repaired or replaced as determined solely by Ascentac.

During the warranty period, you and Ascentac will pay the shipping costs for repairing products for one time respectively. Products returned without proof of purchase or with warranty expired will be repaired or replaced by Ascentac's decision. You shall pay the charges, including maintenance cost, shipping, insurance, duties, taxes, import fees or others which may be caused.

This warranty provides you with specific legal rights. You may have additional rights which may vary from state to state and country to country. Because of individual state and country regulations, some of the above limitations and exclusions may not apply to you.

If any of the following conditions take place, the warranty shall be null and void.
- Defects or malfunction caused by human factors, accident, improper use not conforming to product manual instructions, abuse or unauthorized alteration, modification or repair of the product.
- The label with S/N has been altered or damaged.

Notice: Ascentac makes no warranty of any kind with regard to the content in this document, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

Service & Support

If you have any questions or need any assistance, please contact our service center.

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Address: 9F.-6, No. 12, Fuxing 4th Rd., Qianzhen Dist., Kaohsiung City 806611, Taiwan (R.O.C.)

Please prepare the following information before you contact us and describe the problems.

- Product model and S/N
- Warranty information

Content

1. Safety Information

Read all safety information carefully before using this product to ensure personal safety and proper use.

- Use batteries that meet the specifications of this product.
- Make sure the product is operated on the permitted ambient conditions.
- Never directly look into the optical outputs interface.

2. Introduction

Ascentac OCI625, Optical Fiber Identifier, can detect optical signal presence, type and direction and measure relative optical power anywhere on a single-mode or multiple-mode fiber. Its reliable and safe macro–bending technique does not disrupt service. Nor does it overstress or damage fibers.

Ascentac OCI625 can identify a specific fiber from the route by transmitting a light source at wavelength 1310nm or 1550nm with signal 270Hz, 1KHz or 2KHz into one end of optical fiber during installation, maintenance, rerouting or restoration. The identifier recognizes the modulation like 270Hz, 1kHz and 2kHz. Without changing the clamp heads, multi-diameter optical fibers (0.25mm, 0.9mm, 2.0mm & 3.0mm) can be measured.

2.1 Features

- Live fiber / online test without disrupting traffic

- Detecting a variety of optical tones (270Hz, 1kHz or 2kHz)

- Digital display of relative optical power

- Built-in 10mW VFL function

- Easy-to-use with one-touch operation

2.2 Application

- Telecom maintenance

- CATV maintenance

- Fiber-optic lab testing

- Other Fiber-optic measurements

3. Layout

3.1 Appearance

3.2 Instruction

Item	Description
1	Clamp groove (Universal fixture design without replacing adapter heads)
2	Relative core power display
3	Keys for turning on/off VFL & switching its modulation output
4	Clamping button
5	Optical interface for VFL
6	2 AA-size dry batteries

3.3 LED Indicator

Item	Description
A	Signal direction (Left / Right)
B	Signal type (270Hz, 1kHz or 2kHz)
C	Low battery

4. Operation

4.1 Optical Fiber Identifier

Insert the fiber-optic patch cord with traffic into the clamp groove and push the clamping button, and then the identifier will recognize the signal direction (Left / Right), modulation output (270Hz, 1kHz, 2kHz) and its relative value of optical power.

4.2 Visual Fault Locator (VFL)

Long press [ON/OFF] key to turn on or off Visual Fault Locator.

Short press [GLINT] key to switch its modulation output.