Ascentac OCI623, 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.

Optical Fiber Identifier

Ascentac OCI623

Quickly and Accurately Identify the Target Fiber without Damaging the Fiber or Disrupting the Network

Feature

- Live fiber / online test without disrupting traffic
- Detecting a variety of optical tones (270Hz, 1kHz or 2kHz)
- Digital display of relative optical power
- Corresponding adapters for bare fibers and multiple pigtail
- Easy-to-use with one-touch operation

Application

- Telecom maintenance
- CATV maintenance
- Fiber-optic lab testing
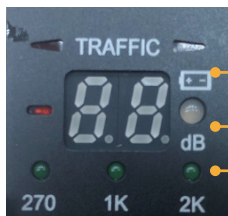- Other Fiber-optic measurements

Description

Ascentac OCI623 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. In addition, it is equipped with four adapter heads and sunshade cover for more accurate test.
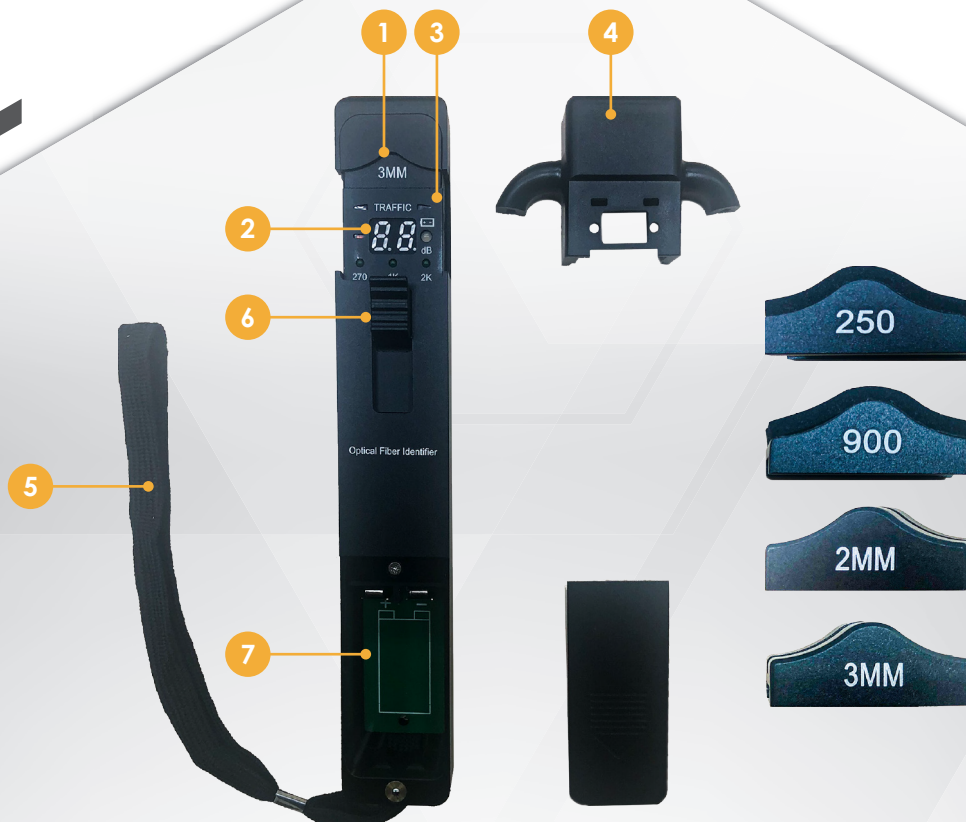
Appearance

1. Interchangeable adapter heads
2. Relative core power display
3. LED indicator

- Signal direction
- Battery status
- Signal frequency

- Fully charged
- Low battery
- Insufficient power (Change battery)

4. Sunshade to avoid ambient light
5. Strap for hands-free
6. One-click operation design
7. One 9V alkaline battery

Specification

Optical Fiber Identifier

Wavelength Recognition Range (nm)	800 to 1700
Detector Type	InGaAs
Adapter Type (mm)	Φ 0.25 (For bare fiber) Φ 0.9, Φ 2.0, Φ 3.0 (For pigtail)
Recognizable Signal Type	CW, 270Hz, 1kHz, 2kHz
Signal Direction	Left & Right (LED indicator)
Signal Direction Test Range (dBm) (CW / 0.9mm Bare Fiber)	-46 to 10 (Wavelength: 1310nm) -50 to 10 (Wavelength: 1550nm)
Signal Power Test Range (dBm) (CW / 0.9mm Bare Fiber)	-50 to 10
Signal Frequency Display (Hz)	270、1K、2K

Frequency Test Range (dBm) (Average Value)	Φ 0.9、Φ 2.0、Φ 3.0	-30 to 0 (270Hz、1KHz)
		-25 to 0 (2KHz)
	Φ 0.25	-25 to 0 (270Hz、1KHz)
		-20 to 0 (2KHz)

Insertion Loss (dB) (Typical Value)	0.8 (Wavelength: 1310nm) 2.5 (Wavelength: 1550nm)

Power Supply

One 9V alkaline battery	
Battery Life (hours)	10

Environment

Working Temperature (°C)	0 to +50
Storage Temperature (°C)	-10 to +70
Relative Humidity (%)	5 to 95, Non-condensing

Dimensions and Weight

Size (H x W x D) (mm)	196 x 30.5 (Without sunshade) x 27
Weight (g) (batteries excluded)	Approximately 202

Standard Accessories

Main unit, Sunshade, Adapters, 9V alkaline battery 1pc, Carrying case, One-year warranty

Ordering Information

OCI 01-00623

Note：1. Incl. adaptors φ0.25, φ0.9, φ2.0 & φ3.0

Example :OCI 01-00623

For the latest information regarding this product, please visit our website at http://www.ascentac.com

Made In Taiwan

Contact us