



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.

Optical Fiber Identifier

Ascentac OCI625

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
- Built-in 10mW VFL function
- Easy-to-use with one-touch operation

Application

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

Description

Ascentac OCl625 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.

Appearance

- 1 Universal fixture design (Without replacing adapter heads)
- 2 LED indicator for signal direction
- 3 Relative core power display
- 4 LED indicator for recognizable signal type
- 5 LED indicator for low battery
- 6 Keys for turning on/off VFL & switching its modulation output
- 7 One-click operation design
- 8 2 AA-size dry batteries (Easily obtained)
- 9 Optical interface for VFL



Specification

| Optical Fiber Identifier | |
|-----------------------------------|--|
| Wavelength Recognition Range (nm) | 800 to 1700 |
| Detector Type | InGaAs |
| Adapter Type | 250um (For bare fiber), 900um, 1.1mm, 1.5mm, 1.7mm, 2.0mm, 3.0mm |
| Recognizable Signal Type | 270Hz、1kHz、2kHz |
| Signal Direction | Left & Right (LED indicator) |
| Sensitivity (dBm) | +10 to -50 |
| Accuracy (dBm) | +10 to -30 |
| VFL Specification | |
| Wavelength (nm) | 650 ± 10 (Visible) |
| Output Power (mW) | 10 |
| Modulation Output | CW & Pulse |
| Distance (km) | 10 to 15 |
| Optical Connector | Universal 2.5mm |

| Power Supply | |
|--|-------------------|
| Dry batteries: AA-size x 2 | |
| Battery Life (hours) | >8 |
| Environment | |
| Working Temperature (°C) | -10 to +50 |
| Storage Temperature (°C) | -20 to +70 |
| Relative Humidity (%) | 0 to 90 |
| Dimensions and Weight | |
| Size (H x W x D) (mm) | 230 x 43 x 36 |
| Weight (g) (batteries excluded) | Approximately 200 |
| Standard Accessories | |
| Main unit, AA battery 2pcs, Carrying case, One-year warranty | |

Ordering Information

OCI 01-00625

Example : OCI 01-00625



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