



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

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.

Benefits

- 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

- 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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