

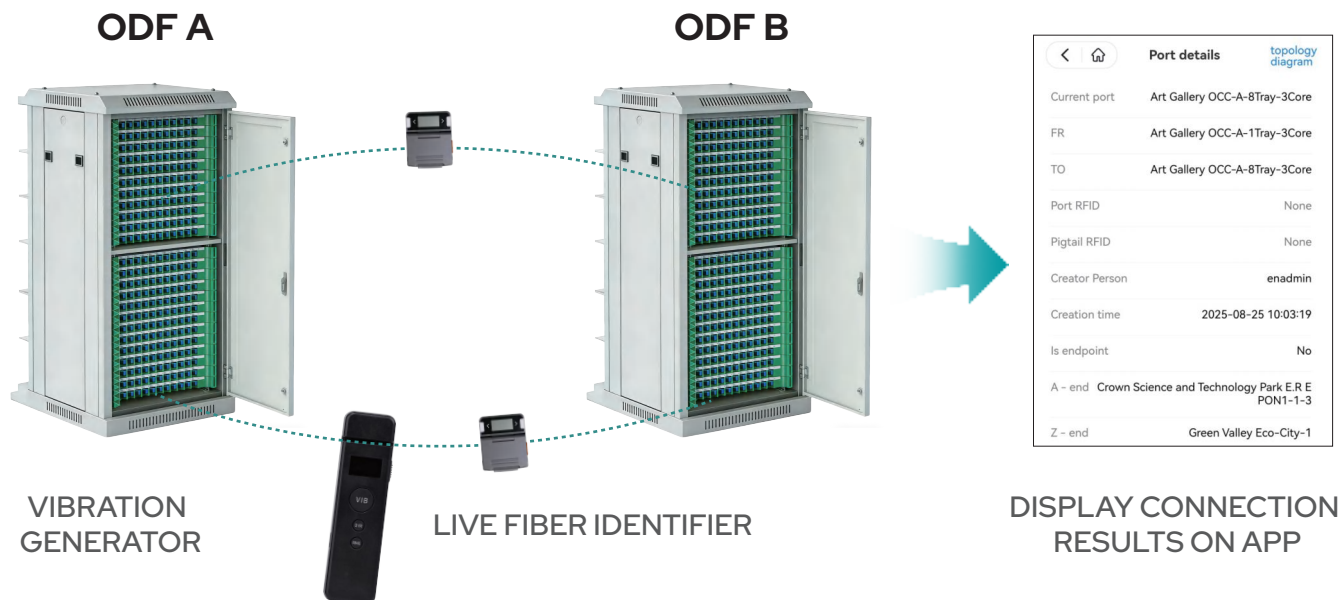
MakeID

LIVE FIBER IDENTIFIER BROCHURE

FIBER FINDER

CHONGQING PINSHENG TECHNOLOGY CO., LTD.





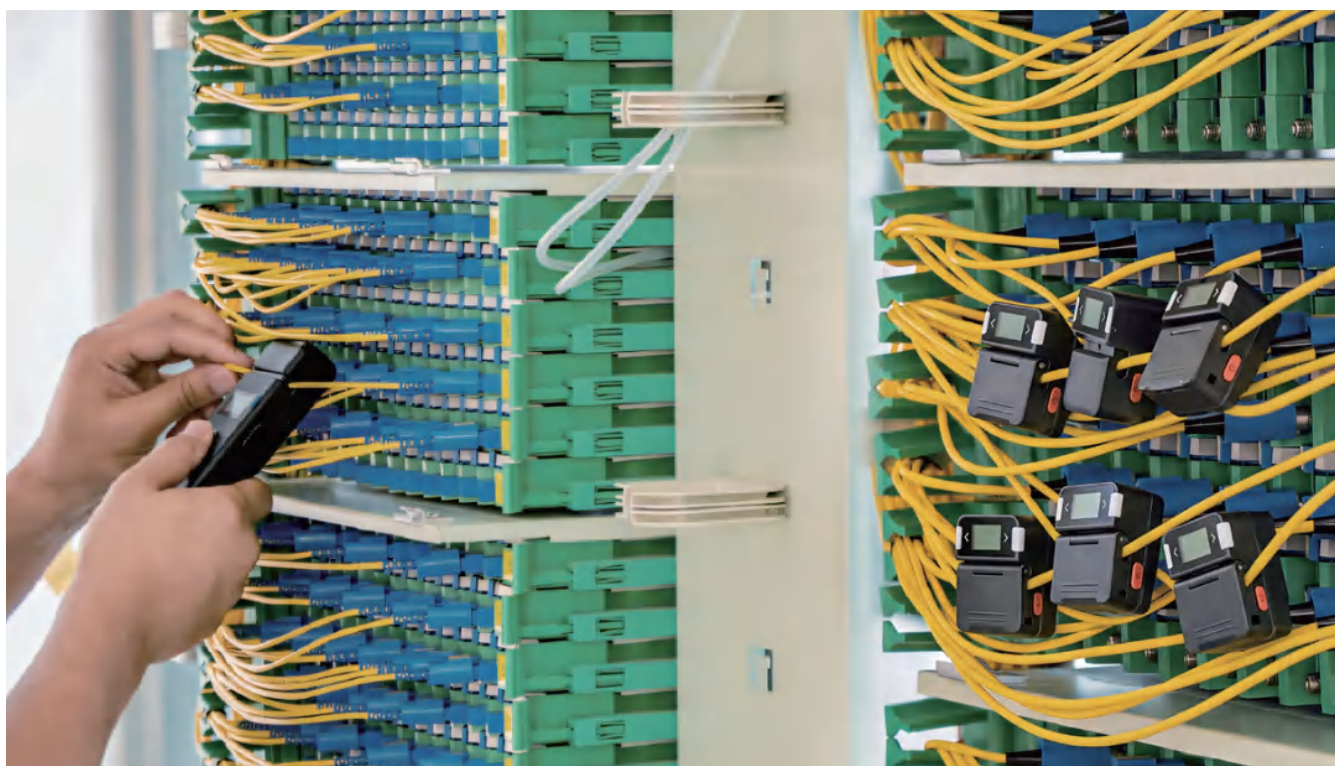
Product Introduction

This tool is based on signal vibration. It consists of a vibration generator and an identifier. Without interrupting service or damaging the fiber, it can quickly identify the target fiber and record the results on the mobile APP.

This solution replaces the traditional fiber unplugging method, reducing method, reducing the risk of operational errors while improving maintenance and management efficiency.

Applications

Fiber connection inspection in ODF racks、 accuracy spot



Key Features



Vibration Generator

- Online testing without interrupting network services
- Adjustable sensitivity levels, compatible with G.652D/G.655 fibers and 2-3 mm diameter fibers
- Accurately identify the signal direction when the fiber is active
- Built-in VFL module for supplementary testing
- Display screen directly shows the status, including signal direction, battery level, operating mode, and VFL



Live Fiber Identifier

- No service interruption
- Damping-based design, compatible with multiple types of fibers, no damage to the fiber
- Fiber-clamp with self-check
- Lightweight, portable, user-friendly operation

Practical Value

Quickly identify the fiber connection, prevent data errors

Product Specification

Vibration Generator	
Part#	VG01
Connectivity	Bluetooth
Supporting devices	Android 4.4 or above, HarmonyOS
Dimensions	165mm*45mm*26mm
Weight	≤200g
Power supply	Lithium Battery
Battery Capacity	Continuous operation ≥12 hours; charging time ≤5 hours
Charging Method	USB Type-C
Display Type	TFT
Display Size	0.96 inch
Display Resolution	80*160
Display Information	optical signal direction, charging/low battery status, operating mode, and VFL status
Vibration Mode	Mechanical vibration, 3 adjustable levels; single operation duration ≤8s
Supported Fiber Types	G.652D/G.655(2mm/3mm, 1310nm/1550nm)
Optical Power Detection	-25dBm~10dBm
Fiber Clamping Loss	≤1dB
Parallel Operation	support ≥4 devices operating simultaneously
VFL	Supports three modes-steady on, flashing, and off; visible distance ≥8 km
Digital Identification	QR code, serial number
Operating Temperature	10°C~50°C
Storage Temperature	-20°C~70°C

Online Optical Fiber Identifier

Model	LFI01
Connectivity	Bluetooth
Supported Devices	Android 4.4 or above, HarmonyOS
Dimensions	40mm*27mm*25mm
Weight	≤30g
Power Supply	Lithium battery
Battery Life	≥12 hours of continuous operation; charging time ≤2 hours
Charging Method	Contact-based wireless charging
Supported Fiber Type	G.652D/G.655 (2mm/3mm,1310nm/1550nm)
Optical Power Detection Range	-25dBm~10dBm
Fiber Clamping Loss	≤1dB
Warning Indicator Lights	Cover Closed Reminder: Green light flashes for 0.5s Fiber Clamping Reminder: Red light flashes for 0.5s Fiber Matching Successful: Green light flashes at 0.5s intervals, buzzer sounds once every 0.5s, lasting 5s, continuously receive signals during the flashing process Low Battery: Red light continuously flashes at 0.5s intervals Charging: Green light continuously flashes at 1s intervals Fully Charged: Green light steady on
Buzzer	Sounds an alert when light leakage is detected
Digital Identification	RFID/QR code
Operating Temperature	-10°C~50°C
Storage Temperature	-20°C~70°C

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