# IVR-OFI-2
## Optical fiber identifier

With rapid developing of optical fiber Networking, the patch cord and pigtail at the ODF in most of the center office became more and more complex and disordered. This IVR-OFI-2 combined with the normal optical fiber Identifier (IVR-OFI-1), enable technicians identify the specific fiber without disconnect it. This realize good and effective management for the live fiber checking at ODF in the center office.
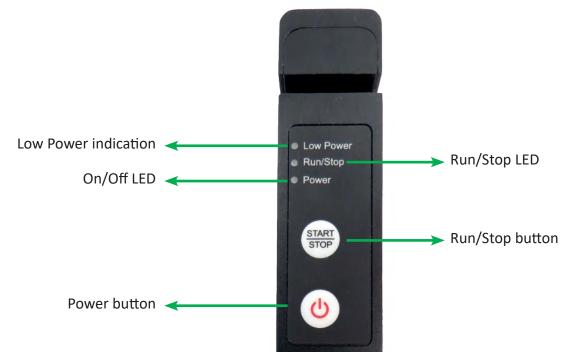
- Helps user quickly check out the specific fiber on line
- Identification with insertion loss <2dB will not affect the signal transited in the network
- Support the fiber of 900um, 2mm, 3mm
- Auto identification function
- LED displaying
- AAA battery for power supplier which make the battery easy to replace
- Easy to operate

## InterVRE

# Specifications

| Type | IVR-OFI-2 |
| --- | --- |
| Fiber to measure | 3mm, 2mm, 900um |
| Wavelength range(nm) | 1300-1650 |
| Loss (dB) | <2 |
| Output Power detect range (dBm) | +25 ~ -35 |
| Power Supply | 1.5V AAA |
| Operation time (h) | 15 |
| Operation temperature (°C) | -10 ~ +60 |
| Storage temperature (°C) | -25 ~ +70 |
| Auto-off time (min) | 5 |
| Weight (g) | 700 (include 4 pcs AAA battery) |
| Dimension (mm) | 200 X 30 X 35 |

# Front Panel

Low Power indication

On/Off LED

Power button

Run/Stop LED

Run/Stop button

interVRE

# Operation



1) Before IVR-OFI-1 and IVR-OFI-2 use together, we need to know the signal direction in the cable, in this case, first use the IVR-OFI-1 to find the signal direction and if there have signal in the fiber. If do not have signal in the fiber, the IVR-OFI-2 will not have any function.

2) The motor of IVR-OFI-2 add the week frequency, in order to make the protocol in the fiber, IVR-OFI-1 at the other side will receive and analysis it. In this case, IVR-OFI-2 will be add at the side of the transmitter.

3) Put the fiber in the groove of IVR-OFI-2, press power key. Press run/stop button to activate the function, IVR-OFI-2 will add the low frequency on the fiber, press this again to stop running.

4) When "Low Power" LED light on, means IVR-OFI-2 is in the low battery mode, this need to change the battery. Or the optical fiber identifier can not correctly received the signal from the tone generator.

4) When the exactly fiber is find out, IVR-OFI-1 will beep, and display "_ _" up and down. This means IVR-OFI-2 and IVR-OFI-1 are on the same fiber.

**Notice: The fiber should be flat on the bottom of the IVR-OFI-2, and during operation, or this will have influence on the testing result.**

*For the operation of IVR-OFI-1, please check with the IVR-OFI-1 user Guide.*

# Service and Support

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