

# Mini OTDR Fiber Fault Locator

## Operation Instructions



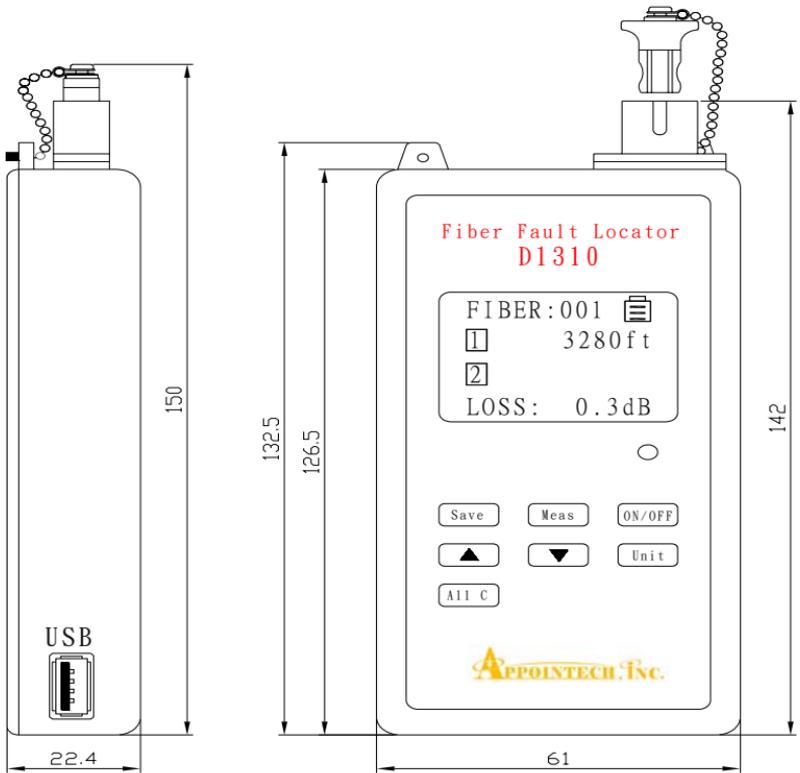
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# 1. Features

The Appointech Mini OTDR Fiber Fault Locator is designed for locating fiber faults, measuring fiber link length and loss in network up to 50 Km away. It can store up to 512 measurements. The operation is very user-friendly. After turn-on with the ON/OFF switch, the fiber number is selected by the “Up”, and “Down” key. After pressing the “Meas” key, the fault location/ling length and link loss are shown in few seconds. If the corresponding fiber number, and the data are to be stored, the “Save” key is pressed. The same line measurement can be repeated to assure the accuracy. All the stored data can be cleared by pressing the ALL-C key. The unit of event distance can be switched between meter and feet by pressing “Unit” key. A battery symbol shows the level of remained power in the battery. When the battery power is too low to assume proper operation, an empty battery symbol is shown on the LCD display. The included rechargeable battery works with a power adaptor (100~240V) of a USB connector, which is also included. When charging in OFF-mode, the indicator LED is on until charging has been completed. It takes about 4 hours to have full charge.

## 2. Functions



Unit:mm



FC, SC, ST Connector



Power Switch



Start Measurement



Save Current Data



Fiber Number Selection



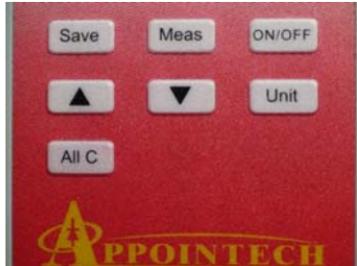
Unit Selection



All Data Cleared

# Operation

1. Press ON/OFF-key to turn on.



2. When battery power is too low to assume proper operation, an empty battery symbol is shown on the LCD display. When charging is required, plug in the USB connector of the power adaptor (100~240VAC). When charging in OFF-mode, the indicator LED is on until charging has been completed. It takes about 4 hours to get full charge.
3. Select the fiber number by pressing the “Up”, and “Down” key until the correct value is shown on the LCD display.



4. Press the “Meas” key, the fault location or link distance, and link loss are shown. The unit in m or ft can be selected by pressing the “Unit” key.



5. Save the current data of line number, fault location, link distance, and link loss by pressing the “Save” key. The stored data for each fiber number can be recalled by pressing the ▲▼ key till the required fiber number appears.
6. If needed, press the “All C” key to clear all the stored data.

## 4. Specifications

Detector Material	InGaAs
Measuring Wavelength	1310 nm
Fault Location	20, 50 Km
Accuracy	+/- 2 m
Display	LCD displays fiber line number, fault location, link length, link loss in m or ft. Warning symbol for low battery
Operation Temp; Humidity	-15°C ~55°C 0~95%RH
Storage Temp; Humidity	-35°C ~70°C 0~95%RH
Power Requirements	Rechargeable Lithium battery
Dimensions (L x W x H)	16x7x3 cm (without case)
Weight	<0.2Kg

# **Appointech Inc.**

## **Products Profile**

### **Connectorized Modules:**

LD, LED, PIN, PIN-TIA  
Dual LD, Dual LED, BIDI

### **Transmitter/Receiver Modules:**

Std. 1x9, 2x9; SFF, SFP,  
BIDI  
Bit Rate up to 2.5Gb/s

### **Test Instruments:**

LD, LED Stable Source  
Power meter, Fiber Fault Locator

### **Custom Design**

OEM

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