

D1310 Fiber Fault Locator



The Appointech D1310 handheld Fiber Fault Locator is designed for locating fiber fault, measuring fiber link length and loss in network up to 50 Km. It can store up to 512 events. 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, fault location, link 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. 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 of a USB connector, which is also included.

Features

- Self-testing before first measurement
- Display event distance in meters or feet, and link loss in dB
- Event distance up to 50 Km
- Accuracy <math>< 2</math> meters, independent of fiber length
- Dead zone 10 meter
- For both single-mode and multi-mode optical fiber
- Small size, easy for field applications
- Light weight, about 0.2Kg
- Battery-low indicator
- Rechargeable Lithium battery

Applications

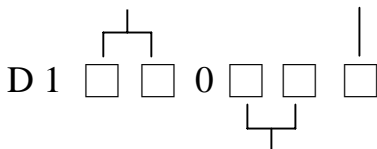
- Fault locating, link loss and distance measurement in fiber network

Specifications:

Laser Source	1310nm Laser Diode
Connector Type	FC, ST , SC or universal receptacle for 2.5 or 1.25 mm ferrule
Measurement Range	20 Km, 50Km
Dead Zone	10 M
Accuracy	<2M, depending on variation of index of refraction
Resolution	<2M
Display	LCD panel, Fiber Number, Fiber Fault and/or Link Distance, Link Loss
Dimension	16x7x3 cm (measured without case)
Weight	<0.2Kg
Power	Rechargeable Lithium battery
Battery Life	At least 8 hours after full charge
Operating Temperature	-15 to 50 deg-C
Non-operating Temperature	-35 to 70 deg-C
Relative Humidity	95% (10 to 35 deg-C), 75% (35 to 50 deg-C)

Ordering information

31 for 1310nm 1 for 20 Km
 55 for 1550nm 2 for 50 Km

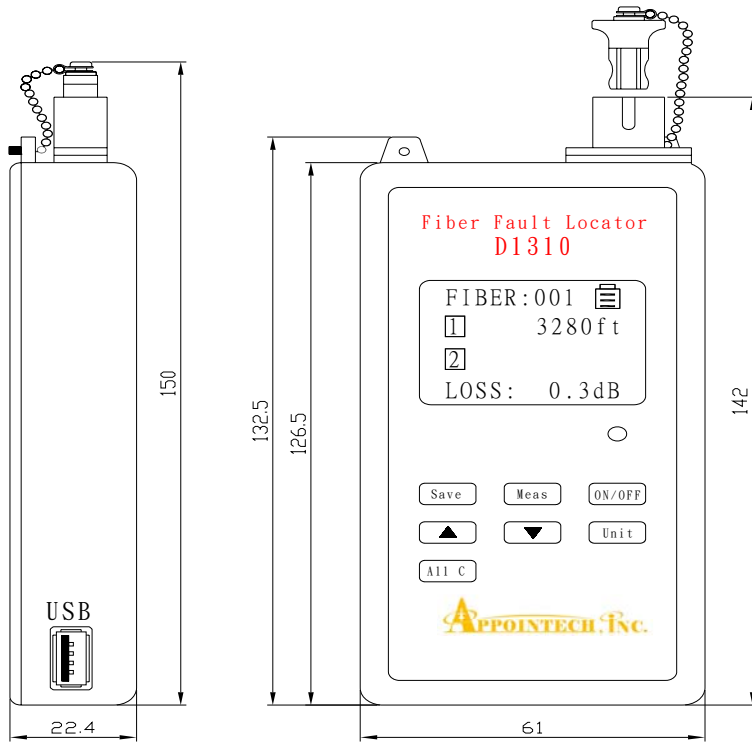


Connector type
 SC , FC , ST ,
 or universal UV

Options: Standard Multi-units Carrying Case
 Heavy-Duty Multi-units Carrying Case
 Receptacle Converters

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Unit: mm

