



Jonard Tools' Multi-function OTDR is the perfect all-in-one handheld device for evaluating FTTx and access network construction and maintenance, identifying fiber breakpoints, measuring cable length, and calculating relative optical power losses. This Multi-function OTDR also features the following:

- Includes 8 different functions for testing and evaluating fiber optic and network cables
- Bright 3.5" color LCD screen makes it quick and easy to evaluate data
- Rubberized hard plastic case is shock-proof and drop-proof for maximum durability
- 600 MB Internal storage with MicroSD/TF card slot for additional memory
- Built-in rechargeable lithium ion battery provides power on-the-go
- Can be charged or connected to a computer for data transfer via included micro-USB cable

#### Includes:

- FC, SC, and LC (PC/UPC) OTDR adapters for fiber optic cables
- Downloadable software (also featured in the download section of the product page)
- Power cord with plug adapters
- Alcohol wipes
- Instruction manual
- Carrying case

FUNCTIONS	
<b>OTDR</b>	Maps fiber optic cables and can illustrate the termination quality and location of faults that may hinder network performance
<b>EVENT MAP</b>	Provides an easy-to-understand view of each mapped event, giving loss values for individual components
<b>OPTICAL POWER METER (OPM)</b>	Measures the relative power of fiber optic cables
<b>VISUAL FAULT LOCATOR (VFL)</b>	Illuminates any faults within a fiber optic cable for maintenance and repair
<b>OPTICAL LIGHT SOURCE (OLS)</b>	Provides a stable light source at varying wavelengths to be used with the OPM
<b>CABLE LENGTH MEASUREMENT TOOL</b>	Measures the length of network cables
<b>CABLE TRACKER</b>	Can be used to track and trace a terminated network cable
<b>RJ45 SEQUENCE TESTER (CAT5/e, CAT6/e)</b>	Tests the continuity of RJ45 connectorized network cables

**MADE FOR LIFE**


**MINI-PRO OTDR SPECIFICATIONS**

MODEL	OTDR-100
WAVELENGTH	1310nm/1550nm±20nm
FIBER TYPE	G.652 SM Fiber
DYNAMIC RANGE	24dB/22dB
EVENT BLIND ZONE	3m
ATT BLIND ZONE	8m
TEST RANGE	500m~60km
PULSE WIDTH	3ns~10us
RANGING ACCURACY	±(1m+Sampling Interval +0.005%×Test Distance)
LOSS ACCURACY	±0.2dB/dB
SAMPLING POINTS	16k~128k
SAMPLING RESOLUTION	0.05m~8m
REFLECTION ACCURACY	±3dB
DATA STORAGE	Internal: ≥600; External: TF Card
LASER SAFETY LEVEL	Class II level
FILE FORMAT	SOR Standard File Format
CONNECTOR	FC/UPC (Interchangeable SC/ST)

OPTICAL LIGHT SOURCE (OLS)			OPTICAL POWER METER (OPM)	
LD TYPE	FP-LD		WAVE RANGE	800nm~1700nm
OUTPUT WAVELENGTH	1550nm±20nm	1310nm/1550nm±20nm	INTERFACE TYPE	Universal Joint FC/SC/ST
OUTPUT POWER	≥-5dBm		TEST RANGE	-50dBm~-+26dBm
MODULATION FREQUENCY	270/330/1k/2kHz		UNCERTAINTY	±5%
STABILITY	CW, ±0.5dB/15min (Test after 15mins of preheating)		FREQUENCY IDENTIFICATION	CW/270/330/1k/2kHz
CONNECTOR	FC/UPC (Interchangeable SC, ST)		CALIBRATION WAVELENGTH	850/980/1300/1310/1490/1550/1625/1650nm

OTHER PARAMETERS		VISUAL FAULT LOCATOR (VFL)	
DISPLAY	3.5 Inch Color LCD	WORK WAVELENGTH	650nm±20nm
DATA INTERFACE	Micro USB	OUTPUT POWER	≥10mW
EXTERNAL STORAGE	TF Card	MODE	CW/1Hz/2Hz
POWER SUPPLY	Polymer Li-battery: 3.7V, 4000mAh Power Adapter: 5VDC, 2A	CONNECTOR	FC/SC/ST
BATTERY LIFE	Standby>20h; Measuring Time>12h	RJ45 CABLE LENGTH MEASUREMENT	
OPERATING TEMPERATURE	-10°C~+50°C	TEST RANGE	300m
STORAGE TEMPERATURE	-40°C~+70°C		
RELATIVE HUMIDITY	0~95% Non Condensing		
WEIGHT	≤350g		
DIMENSION	173mm×82mm×37mm		

**MADE FOR LIFE**