Jonard Tools' Professional 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 OTDR also features the following:

- Includes 8 different functions for testing and evaluating fiber optic cables
- Large, bright 7" color LCD screen makes it quick and easy to evaluate data
- Rubberized hard plastic case is shock-proof and drop-proof for maximum durability
- 200 MB Internal storage stores up to 4,800 entries, with MicroSD/TF card slot for additional memory
- Built-in rechargeable lithium ion battery provides power on-the-go
- Onboard Wi-Fi connectivity for data transfers or live viewing of data
- Can be charged or connected to a computer for data transfer via included micro-USB cable
- Includes FC/APC & SC/APC OTDR adapters, LC/UPC adapter for OPM, downloadable software (also featured in the download section of this product page), power adapter, alcohol wipes, and instruction manual

MADE FOR LIFE
GUARANTEED FOR LIFE

OTDR MODULE SPECIFICATIONS

TECHNICAL SPECIFICATIONS	
SINGLE MODEL CENTER WAVELENGTH	1310±20nm, 1550nm
FIBER TYPE	G.652 SingleMode Fiber
DYNAMIC RANGE	32dB/30dB
DISTANCE UNCERTAINTY	±(0.75 m + Sample Interval + 0.0025% × Distance) (excluding the refractivity placement error) (m)
EVENT DEAD ZONE	1.5m
ATTENUATION BLIND ZONE	8m
TEST RANGE	500m-80km
PULSE WIDTH	3ns-10us
RANGE ACCURACY	±(0.75 m + Sampling Interval + 0.0025% × Test Distance)
LOSS ACCURACY	± 0.02 dB/km
# OF SAMPLING POINTS	256k
LOSS THRESHOLD	0.01dB
SAMPLING RESOLUTION	0.04-5
SAMPLING POINTS	256K
MEASUREMENT TIME	6-180s
TYPICAL REAL-TIME REFRESH (Hz)	4
STABLE SOURCE OUTPUT POWER	-5dBm
REFLECTION ACCURACY	± 2 dB
DATA STORAGE	Internal: 200 MB; External: MicroSD Card
LASER SAFETY LEVEL	Class II level
FILE FORMAT	SOR Standard File Format
INCLUDED CONNECTORS FOR OTDR	FC, SC (APC)
DIMENSIONS	13 in x 4 in x 4 in (33.02 cm x 10.16 cm x 10.16 cm)
WEIGHT	6.27 lb (2846.58 g)
UPC #	810053352113

VFL SPECIFICATIONS	
NAME	CONTENTS
Center wavelength (nm)	650nm±20nm
Output power mW	≥2mW (typical)
Operation mode	CW, 1Hz and 2Hz
Interface type	TOSA

POWER METER MODULE SPECIFICATIONS	
NAME	CONTENTS
Wavelength range	1200nm ~ 1650nm
Power range	-60dBm ~ 0dBm
Uncertainty of calibration point power test	Better than 0.22dB (-25dBm, CW, 1310/1550nm)
Uncertainty	±5% (-25dBm, CW)
Uncertainty of power measurement within the optical path	Better than ±1.5dB

LIGHT SOURCE MODULE SPECIFICATIONS	
NAME	CONTENTS
Output wavelength	1310nm-1550nm
Output power	≥-5dBm(23°C±2°C)
Operation mode	CW, 270Hz, 1kHz and 2kHz