



UF-2872H

## F.O HANDHELD OTDR

### Scope of Application

LINK UF-2872H F.O HANDHELD OTDR is apply to FTTx and access network construction and maintenance, to test fiber breakpoint, length, loss and input light automatic detection, automatic test by one key. It is a good choice for long term field work.

### Drawing



### FEATURES AND BENEFITS

- The tester is compact with 3.5inch colorful LCD screen
- New high grade engineering plastic housing design, shock-proof and drop-proof.
- 8 functions with highly integrated OTDR, Event maps, Stable Light source, Optical power meter, Visual fault locator, RJ45 cable sequence, IL and lighting functions.
- It could quick detection of breakpoint, universal connector
- More than 600 internal storages and Support TF card
- USB data storage and built-in 4000mAh lithium battery



## SPECIFICATION

Model	UF-2872H
<b>OTDR (Optical Time Domain Reflectometer)</b>	
Wavelength	1310/1550nm
Fiber Type	G.652 SM Fiber
Dynamic Range	22dB/20dB
Event Dead Zone	8m
Attenuation Dead Zone	15m
Test Range	10m~60km
Pulse Width	5ns~10000ns
Ranging Accuracy	$\pm (1m + \text{Sampling Interval} + 0.005\% \times \text{Test Distance})$
Loss Accuracy	$\pm 0.2\text{dB/dB}$
Sampling Points	16k~86k
Sampling Resolution	0.7m
Reflection Accuracy	$\pm 3\text{dB}$
Data Storage	Internal: $\geq 600$ ; External: TF Card
Laser Safety Level	Class II level
File Format	SOR Standard File Format
Connector	SC/UPC (Interchangeable FC/UPC)
<b>OPM (Optical Power Meter)</b>	
Wave Range	850nm~1625nm
Interface Type	Universal 2.5 mm (FC/SC/ST)
Test Range	-50dBm~+26dBm
Uncertainty	$\pm 5\%$
Frequency Identification	CW
Calibration Wavelength	850/1270/1300/1310/1490/1550/1577/1625nm
<b>LS (Light Source)</b>	
LD Type	FP-LD
Output Wavelength	1310/1550nm
Output Power	$\geq -5\text{dBm}$
Modulation Frequency	CW/270/1k/2kHz
Stability	CW, $\pm 0.5\text{dB/15min}$ (Test after 15mins of preheating)
Connector	SC/UPC (Interchangeable FC/UPC)



### VFL (Visual Fault Locator)

Work Wavelength	650nm±20nm
Output Power	≥10mW
Mode	CW/1Hz/2Hz
Connector	Universal 2.5 mm (FC/SC/ST)

### RJ45 Sequence

Test by auto scanning the wire continuity, miswiring in your network cables

### Other Parameters

Display	3.5inch Color LCD
Data Interface	Micro USB
External Storage	TF Card
Power Supply	Polymer Li-battery: 3.7V, 4000mAh
	Power Adapter: 5VDC, 1A
Battery Life	Standby > 20h; Measuring Time > 12h
Operating Temperature	-10°C ~ +50°C
Storage Temperature	-40°C ~ +70°C
Relative Humidity	0~95% Non-Condensing
Weight	≤ 400g
Dimension	173mm × 85mm × 42mm

**Functions: OTDR/Event map/OPM/LS/VFL/IL/RJ45 Sequence/Lighting**



## ACCESSORIES



Machine



Power Adapter DC



Data Cable



Manual



Carination Certificate



SC/UPC FC/UPC  
Connector



Clean Cotton Slices



SD Card



Carrying Case

## ORDER INFORMATION

### Part Number

UF-2872H

### Description

F.O HANDHELD OTDR 22/20 dB [ 1310/1550 nm.]; SC/UPC (80 Km.)

Specifications subject to change without notice.

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