

## KT-6200 Palm OTDR

[www.kt-elec.com](http://www.kt-elec.com)

### Product Summarizations:

KT-6200 palm OTDR is the newest instrument designed for testing FTTx network. It's mainly used to measure the physical characteristics of optical fiber under test, such as the length, the transmission loss and the splice loss etc.. It can also locate the faults or breaks of optical fiber. It's widely applied in the manufacture, construction and maintenance in optical fiber communication system.

KT-6200 palm OTDR is novel and beautiful in appearance. KT-6200 offers three wavelengths and VLF in one handheld unit, especially for testing passive optical network (PON) in FTTx. In addition.



### Mainly features:

- handheld、 lightweight and convenience for carrying
- Advanced anti-reflective TFT LCD, visible clearly in field
- 1.6m extra-short event dead zone
- 0.25m high resolution, 65535 sampling points

## Specifications:

MODULE	3528
wavelength	1310nm/1550nm ±20nm
Applicable Fiber	Single-mode
Dynamic Range <sup>1</sup>	28/26dB
Distance Measurement Accuracy	±(1m + sample space + 0.003% * measurement distance)
Event Dead Zone <sup>2</sup>	≤1.6m
Sampling Resolution	0.25, 0.5, 1, 2, 4, 8, 16m
Distance Range	4, 8, 16, 32, 64, 128, 256km
Pulse width	10, 30, 80, 160, 320, 640, 1280, 5120, 10240ns
Loss threshold	0.01dB
Sampling points	65534
Linearity	0.05dB/dB
Memory capacity	≥800 Traces
IOR setting	1.00000~ 2.00000
Display	Color LCD (touch screen)
Interface	USB, Min-USB
VFL	650nm±10nm, 2mW(typical); CW/1Hz
Language	English
Optical Connector	FC/UPC (universal connector)
Power Supply	DC:15V~ 20V(3A), (AC adapter 100~ 240V,50/60Hz,1.5A),Built-in Lithium battery: 4400mAh,7.4V,operating time≥10 hours <sup>3</sup>
Dimensions	210mm*100mm*60mm
Weight	about 1kg

Note1: pulse width 10240ns, average times $\geq$ 300, SNR=1, 23°C $\pm$ 2°C;

Note2: Pulse width:10 ns, terminal reflection loss:  $\geq$ 40dB, typical;

Note3: Low brightness, exclude measuring.

## Ordering information:

**Main frame:** KT-6200 OTDR

### Standard accessories:

NO.	Name	quantity
1	Power line	1
2	AC/DC adapter	1
3	Trace analyzing software、 User manual (CD)	1
4	Hard Carrying case	1

Note: For the necessity of improvement, the material contained in this document is subject to change without notice.