




GLOBAL TEC TRADE SRL

 11-2300-3000

## OTDR NOVKER 6200



### Product overview

NK6200 series OTDR adopt 7 inch capacitance touch screen, which integrates 9 modules. With excellent intelligent hardware design, the accuracy of short fiber test and automatic test is higher. It can test 1:64splitter. It is equipped with rich Ethernet test (Ping/PPOE, etc), support APP control.

NK6200 series is used to test the optical fiber length, loss and connection quality, and used in the engineering construction, link maintenance test, They are mainly used in urban trunk, bone trunk network and metropolitan area network.

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## NK6200PON Technical specifications

PON OTDR							
Model	PD1	PS1	PS2	PT1	PT2	PT3	PT4
Wavelength	1310nm±20nm 1550nm±20nm	1625nm±20nm (Filtered)	1650nm±5nm (Filtered)	1310nm/1550nm±20nm 1625nm±15nm (Filtered)		1310/1550nm±20nm 1650±5nm (Filtered)	
Filter	/	High pass>1595nm Isolation>40dB (1270nm-1585nm)	Bandpass1650nm±7nm Isolation>40dB (1650nm±10nm)	High pass>1595nm Isolation>40dB (1270nm-1585nm)		Bandpass1650nm±7nm Isolation>40dB (1650nm±10nm)	
Fiber Type	G.652						
Max Dynamic Range	37/35dB	38dB	38dB	38/36/36dB	40/38/38dB	42/40/40dB	38/36/36dB
Event Blind Zone	0.5m						
ATT Blind Zone	3.5m						
PON Blind Zone	30m						
Test Range	100m/500m/1.25km/2.5km/5km/10km/20km/40km/80km/125km/260km/420km						
Pulse Width	3ns/5ns/10ns/20ns/30ns/50ns/80ns/100ns/200ns/300ns/500ns/800ns/1us/2us/3us/5us/8us/10us/20us						
Ranging accuracy	± (0.75m+ Sample interval+0.0025% × Test distance)						
Loss accuracy	±0.03dB/dB						
Sample Points	≥256k						
Sample Resolution	0.015m-16m						
Reflection Accuracy	±2dB						
Loss Resolution	±0.001dB						
Loss Threshold	0.01dB						
File Format	SOR Standard File Format						
Loss Analysis	4-point method /5-point method						
Laser Safety Level	Class II						
Refresh Rate	4Hz (Typ.)						
Data Storage	Internal storage: 2GB, 200,000curves; External storage:64GB						
Connector	FC/UPC (Interchangeable SC, ST)						
Data Interface	USB-A, Type-C port, RJ45 LAN 10/100Mbit/s						
OPM							
Wavelength range	800nm-1700nm						
Connector	Universal FC/SC/ST						
Test scope	-50dBm--+26dBm/-70dBm--+6dBm						
Uncertainty	±5%						
Calibration wavelength	850nm/980nm/1300nm/1310nm/1490nm/1550nm/1625nm/1650nm						
LS							
Laser Type	FP-LD						
Wavelength	Consistent with OTDR output wavelength						
Output power	≥-5dBm(SM fiber)						
Mode	CW/270Hz/1kHz/2kHz						
Stability	CW, ±0.5dB/15min (Test after 15 minutes of preheating)						
Connector	FC/UPC (Interchangeable SC, ST)						
VFL							
Wavelength	650nm±20nm						
output power	≥10mW						
Mode	CW/1Hz/2Hz						
Connector	FC/UPC (Interchangeable SC, ST)						
The Optical Loss Test index refers to the above light source and optical power meter index.							
Others							
Display	7 inch color LCD+ touch screen Resolution:800×480						
Power supply	Type-C adapter: Input: 100V~240V, 50/60Hz ;Output:5V/3A,9V/2A,12V/1.5A Lithium battery : 3.7V,10400mAh						
working mperature	-10°C~+50°C						
Storage temperature	-40°C~+70°C						
relative humidity	0~95%, Non Condensing						
Weight	≤1.2kg						
Size	215mm×160mm×50mm						
Functions of Host: OTDR/VFL/LS/OPM/Event Map/End Detection/Optical Loss Test/Ethernet test/Remote test/File management							

### Product features

- 0.5m Event Dead Zone
- Support SM/MM/SM+MM test
- Online detection, effective APD active protection
- PON network online test
- Support fast charging protocol and power bank
- Maximum dynamic range 45dB
- Ethernet test, supporting Ethernet Remote Test
- Mobile APP wireless operation
- Integrate OTDR/VFL/LS/OPM/Event Map/End Detection/Optical Loss Test/Ethernet test/Remote test/File management



7 inch screen  
Key + touch operation mode



Detection of online test  
Caution function



Two languages input  
Nomenclature in Chinese and English



Report printing  
Files batch processing



Multi wavelength simultaneous test  
Results automatic analysis

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