
8 IN 1 MINI OTDR

Mini-Pro 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. The tester is compact with 3.5inch colorful LCD screen, new plastic shell design, shock-proof and drop-proof. The tester also combine 8 functions with highly integrated OTDR, Event maps, Stable Light source , Optical power meter, Visual fault locator , RJ45cable sequence , IL and lighting functions. It could quick detection of breakpoint, universal connector, .600 internal storage, TF card, USB data storage and built-in 4000mAh lithium battery, USB charging .It is a good choice for long term field work .



Technical Specifications

Mini-Pro OTDR		
Model	NK3302	
Wavelength	1310/1550nm	
Fiber Type	G.652 SM Fiber	
Dynamic Range	24dB/22dB	
Event Blind Zone	3m	
ATT Blind Zone	8m	
Test Range	3m~60km	
Pulse Width	5ns~10000ns	
Ranging Accuracy	$\pm (1m + \text{Sampling Interval} + 0.005\% \times \text{Test Distance})$	
Loss Accuracy	$\pm 0.2\text{dB}/\text{dB}$	
Sampling Points	16k~128k	
Sampling Resolution	0.05m~8m	
Reflection Accuracy	$\pm 3\text{dB}$	
Data Storage	Internal: ≥ 600 ; External: TF Card	
Laser Safety Level	Class II level	
File Format	SOR Standard File Format	
Connector	FC/PC (Interchangeable SC、ST)	
OPM		
Wave Range	800nm~1700nm	
Interface Type	Universal Joint FC/SC/ST	
Test Range	-50dBm~+26dBm	
Uncertainty	$\pm 5\%$	
Frequency Identification	CW/270/330/1k/2kHz	
Calibration Wavelength	850/1300/1310/1490/1550/1577/1625nm	
LS		
LD Type	FP-LD	
Output Wavelength	1310/1550nm	1550nm
Output Power	$\geq -5\text{dBm}$	
Modulation Frequency	CW/270/1k/2kHz	
Stability	CW, $\pm 0.5\text{dB}/15\text{min}$ (Test after 15mins of preheating)	
Connector	FC/APC (Interchangeable SC、ST)	



VFL	
Work Wavelength	650nm±20nm
Output Power	≥10mW
Mode	CW/1Hz/2Hz
Connector	FC/SC/ST
RJ45 Sequence	
Other Parameters	
Display	3.5 inch Color LCD
Data Interface	Micro USB
External Storage	TF Card
Power Supply	Polymer Li-battery: 3.7V, 4000mAh Power Adapter: 5VDC, 2A
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	≤350g
Dimension	175mm×82mm×42mm

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

Note: ①Test Temperature25°C±2°C, Maximum pulse width, Average time≥3min。

②Test conditions of Event Blind Zone are minimum range,minimum pulse width,reflection loss of optical end≥45dB,typical value

Configuration List

NO	Name	Qty	Remark
1	Host	1	Battery Include
2	Adapter	1	
3	Data Line	1	
4	User Manual	1	
5	SC/UPC Connector	1	
6	Instrument Bag	1	