

NK4350 Technical specifications

OTDR		
Model	D1 (live test)	D2 (live test)
Type	G.652 SM	
Wavelength	1310/1550nm±20nm	1310/1550nm±20nm
Dynamic Range	26/24dB	30/28dB
Event Blind Zone	1.5m	
ATT Blind Zone	8m	
Test Range	0.1km/0.3km/0.5km/1.25km/2.5km/5km/10km/20km/40km/80km/125km/260km	
Pulse Width	3ns/5ns/10ns/20ns/30ns/50ns/80ns/100ns/200ns/300ns/500ns/800ns/1us/2us/3us/5us/8us/10us/20us	
Ranging Accuracy	± (1m+Sample interval+0.005%×Test distance)	
Linearity	≤0.05dB/dB	
Max Sample Points	≥160k	
Sample Resolution	0.03m~16m	
Loss Resolution	0.001dB	
Loss Threshold	0.20dB	
Range Resolution	0.001m	
Refractive Index	1.00000~2.00000	
File Format	SOR Standard File Format	
Loss Analysis	4-point method /5-point method	
Connector	FC/UPC (Interchangeable SC、ST)	
Refresh Rate	3Hz (Typ.)	
OPM		
Wave Range	800nm~1700nm	
Calibration Wave	850/1270/1300/1310/1490/1550/1557/1625/1650nm	
Test Range	-70~+6dBm(Optional)/-50~+26dBm(Standard)/-40~+26dBm(XGPON)	
Resolution	0.01dB	
Uncertainty	±5%	
Frequency Identification	CW/270/330/1k/2kHz	
Connector	Universal FC/SC/ST	
VFL		
Wavelength	650nm±20nm	
Output Power	≥10mW	
Mode	CW/1Hz/2Hz	
Connector	FC/UPC (Interchangeable SC、ST)	
LS		
Wavelength	Consistent with OTDR	
Power	≥-5dBm	
Stability	CW, ±0.5dB/15min (After15min of preheating)	
Connector	Consistent with the OTDR interface	
Mode	CW/270Hz/330Hz/1kHz/2kHz	
Optical Loss Test		
Wavelength	Consistent with LS	
IL Test	Support	
RJ45 Cable Tracking		
Mode	Digital tracking	
Distance	≤300m	
Online/Line Pair Tracking	Support	
RJ45 Cable Length		
Test Distance	≤300m	
Others		
Display	4.3 inches 800×480 IPS TFT - LCD Multi touch capacitive touch screen	
Power Supply	AC/DCadapter:input:100V~240V, 50/60Hz, 0.6A output:5V, 2A; Lithium battery:3.7V, ≥5000mAh	
Data Storage	8GB, ≥200,000 curves	
Data Interface	USB Type C	
Working Temperature	-10°C~+50°C	
Storage Temperature	-40°C~+70°C	
Relative Humidity	0~95% Non Condensing	
Weight	≤0.6kg	
Size	189mm×115mm×43mm	
Standard configuration:OTDR, Event Map, OPM, LS, VFL,Insertion loss test, Flashlight,RJ45 Cable Tracking(Standard digital line finder), RJ45 Cable Sequence, RJ45 Cable Length, Microscope(Optional),		

Configuration list

Host(Battery included), Adapter, Data Line, 8G TF card(built-in OTDR, Analysis software/User' s Manual), User' s Manual, SC adapter, Cable Tracker&Remote end, Qualification Certificate/ Service Guarantee Card, Calibration Certificate,Cleaning cotton swabs, Instrument Backpack

NK4350 Mini Pro OTDR

Product overview



NK4350 series OTDR adopts 4.3-inch capacitive touch screen. Integration OTDR, event map, OPM, RJ45 cable tracker. OTDR has a maximum dynamic range of 30dB, 8G memory, and can store more than 200,000 curves; it is equipped with high-density polymer lithium battery, intelligent power saving management, measuring time of more than 8 hours, and supporting power supply and charging of the power bank. The whole machine is matched with powerful internal analysis software, which can provide accurate data services for terminal testers.

NK4350 series are used to measure the length, loss, connection quality and other parameters of optical fiber. It is widely used in FTTX, secondary backbone network engineering construction, maintenance and emergency repair test, and production measurement of optical fiber and cable.

Product features

- Combined dual wavelength testing,Bandwidth test function in a single unit:Can support dual wavelength acceptance reports;Self-developed adjustable filter technology, can automatically filter 1342nm, 1490nm,1577nm wavelengths
- Support GPON/EPON,XGPON/XGSPON, 25G/50GPON
- Support dual wavelength simultaneoustesting, Support macrobend/low light test,Accurate identification of macrobending events
- Up to 4x processor performance, 200M upgraded to 900M
- Lanyard support,Easier for over head work
- Enhanced charging protection,Supports on-board charging,Adoption of power battery
- Support English Input Method; Support endface tester (Optional)
- Enhanced RJ45 power live test line length/line sequence/line tracking,Support PoE 60V power live test
- Support for launching and terminating fibre optic cables

- Ergonomic design
Easy to hol
- L-shaped dust cover
Easier for replacement of optical interfaces
- Support mobile phone Bluetooth APP control,Reports can be generated on site and shared
- Support multi-curve comparative analysis
- Up to 11h of operation and 6h of charging for dual batteries