NOVKER

Basic Instrument Series

Modular Test Equipment

Optical Cable Patrol Analyzeı

NK4350 Technical specifications

OTDR					
Model	D1 (live test)		D2 (live test)		
Туре	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	\pm (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.)				
ОРМ		LS	Others		

	ОРМ	LS	
Wave Range	800nm~1700nm	Wavelength	Consistent with OTDR
Calibration Wave	850/1270/1300/1310/1490/1550/ 1557/1625/1650nm	Power	≥-5dBm
Test Range ^{-70~+6dBm(Optional)/-50~+26dBm(Standard)/} -40~+26dBm(XGPON)		Stability CW,	±0.5dB/15min (After15min of preheatin
Resolution	0.01dB	Connector	Consistent with the OTDR interfac
Uncertainty	±5%	Mode	CW/270Hz/330Hz/1kHz/2kHz
Frequency Identification	CW/270/330/1k/2kHz	Optical Loss Test	
Connector	Universal FC/SC/ST	Wavelength	Consistent with LS
	VFL	IL Test	Support
Wavelength 650nm±20nm		RJ	45 Cable Tracking
Output Power	≥10mW	Mode	Digital tracking
Mode	CW/1Hz/2Hz	Distance	≤300m
Connector	FC/UPC (Interchangeable SC、ST)	Online/Line Pa	ir Tracking Support
		R.	145 Cable Length

Test Distance

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	

Your Test Expert

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

≤300m

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.

25G/50GP0N

Support GPON/EPON, XGPON/XGSPON,

Support dual wavelength simultaneoustesting,

Support macrobend/low light test, Accurate identification of macrobending events

Lanyard support, Easier for over head work

Support English Input Method;

Product features

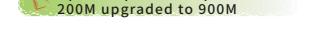
Ergonomic design

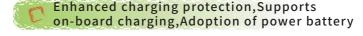
Easy to hol

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



Up to 4x processor performance,









L-shaped dust cover Easier for replacement of optical interfaces



Support mobile phone Bluetooth APP control.Reports can be generated on site and shared



optic cables

Support multi-curve comparative analysis



Up to 11h of operation and 6h of charging for dual batteries

Optical Cable Patrol Analyzer