

NK3200 Technical specifications

OTDR					
Model	NK3200S1	NK3200S2	NK3200D	NK3200F1(live test)	NK3200-F2(live test)
Type	G.652 SM				
Wavelength	1310nm±20nm	1550nm±20nm	1310/1550±20nm	1310nm±20nm	1550nm±20nm
Dynamic Range	24dB	22dB	24dB/22dB	24dB	22dB
Event Blind Zone	3m				
ATT Blind Zone	8m				
Test Range	500m/1km/2km/4km/8km/16km/32km/64km				
Pulse Width	3ns/5ns/10ns/20ns/30ns/50ns/80ns/160ns/320ns/500ns/800ns/1µs/2µs/3µs/5µs/8µs/10µs				
Ranging Accuracy	±(1m+Sample interval+0.005%×Test distance)				
Linearity	±0.2dB/dB				
Sample Points	16k~128k				
Sample Resolution	0.05m~8m				
Loss Resolution	0.001dB				
Loss Threshold	0.20dB				
Range Resolution	0.001m				
Refractive Index	1.00000~2.00000				
Reflection Accuracy	±3dB				
File Format	SOR Standard File Format				
Loss Analysis	4-point method /5-point method				
Laser Safety Level	Class II				
Connector	FC/UPC (Interchangeable SC、ST)				

OPM	LS	Others
Wave Range	800nm~1700nm	Display
Calibration Wave	850/980/1300/1310/1490/1550/1625/1650nm	Wavelength
Test Range	-70~+10dBm(Optional)/-50~+26dBm(Standard)	Laser Type
Resolution	0.01dB	Power
Uncertainty	±5%	Stability
Frequency Identification	CW/270/330/1k/2kHz	Connector
Connector	Universal FC/SC/ST	Mode
VFL		RJ45 Cable Sequence & Length
Wavelength	650nm±20nm	Test Distance
Output Power	≥10mW	RJ45 Cable Tracking
Mode	CW/1Hz/2Hz	Mode
Connector	FC/UPC (Interchangeable SC、ST)	Distance
		Online Tracking
		Test Distance
		Mode
		Distance
		Online Tracking

Standard configuration: OTDR, Event Map, OPM, LS, VFL, RJ45 cable tracking(Additional purchase tracker), RJ45 Cable Sequence&Length, Flashlight

Note: NK3200-F1 can test fiber with 1490/1550nm signal (power ≤-5dBm)
NK3200-F2 can test fiber with 1310/1490nm signal (power ≤-5dBm)

Configuration list

Host(Battery included),Adapter,Data Line,CD-ROM(Analysis software/User's Manual),User's Manual,SC/UPC,Qualification Certificate/ Service Guarantee Card,Calibration Certificate,Clean Cotton Slices,Instrument Backpack.

NK3200 series Mini Pro Optical Time Domain Reflectometer

Product overview



NK3200 Mini Pro Series Optical Time Domain Reflectometer adopts 3.5 inch color display screen. The UI operation interface is simple and easy to operate. It integrates OTDR, Stable Light Source, Optical Power Meter, Visual Fault Location, Cable Sequence, Cable Length, Cable Tracker and Flashlight. It adopts intelligent power saving management, 12 hours of super long measurement time to ensure the field test and maintenance work efficiently.

NK3200 series are used to measure the length, loss, connection quality and other parameters of all kinds of optical fiber and cable. When there is optical signal in the line, it can still be used. The maximum test power with light is -5dBm. It can be widely used in engineering construction, link maintenance test and emergency repair of communication system of optical fiber communication system.

Product features

- Fiber link with ≤-5dBm optical signal, easy to test
- 3m event blind area, easy test 3m jumper
- Long endurance, 12 hours of measurement time
- Hand-held design, easy to carry
- Brand new rubber sleeve, shockproof, fall proof
- USB, rechargeable with portable battery
- OTDR/LS/OPM/VFL/RJ45 Cable Sequence/Cable length/RJ45 tracker/Flashlight



60km precision test
3m event blind area



Easy online test
8 functions integration



One button automatic test
Results automatic analysis



Software remote upgrade
Batch export of data files



20h super long standby
-10~+50°C operating temperature