NOVKER

NK6800 Technical specifications

	OTDR			
Model	D0			
Туре	SM			
Wavelength	1310/1550nm			
axDynamicRange(dB)	32/30			
Event Blind Zone ^a	1m			
ATT Blind zone ^b	5m			
Test Range				
Pulse Width 3ns/5ns/10ns/20ns/30ns/50ns/80ns/100ns/200ns/300ns/500ns/800ns/1us/2us/3us/5us/8us/10us/20us				
Ranging accuracy ^c				
Loss accuracy ±0.001dB				
Max Sample Points	ax Sample Points ≥ 256k			
Sample Resolution	0 05m∼ 4m			
Reflection Accuracy	0.03dB/dB			
File Format	SOR Standard File Format			
Loss Analysis	4-point method /5-point method			
Laser Safety Level	Class II			
Data Storage	≥12GB			
Connector	FC/UPC (Interchangeable SC 、ST)			
	ОРМ			
Wavelength range	800nm~1700nm			
Connector	Universal FC/SC/ST			
Test scope	-50dBm~+26dBm(标配)/-70dBm~+10dBm			
Uncertainty	±5%			
Calibration wavelength	850nm/1300nm/1310nm/1490nm/1550nm/1625nm/1650nm			
	LS			
Wavelength	Consistent with OTDR output wavelength			
Output powerd	≥-5dBm			
Stability	CW,±0.5dB/15min(Test after 15 minutes of preheating)			
Connector	FC/UPC (Interchangeable SC、ST)			
	VFL			
Wavelength	650 nm ± 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 touch screen, resolution 1024X600			
Power supply	AC/DC adapter: Input: 100V~240V, 50/60Hz, 0.6A, Output: 12V~19V, 1.5A, Lithium battery: 7.4V, 5200mAh			
working mperature	-10°C∼+50°C			
torage temperature	-40°C∼+70°C			
relative humidity	0∼95%, Non Condensing			
Weight	ght ≤1.2kg			
Size				
Data interface				
Power dissipation	≪6W			
unctions of Host: OTD	R/OPM/VFL/LS/Event Map/Fiber End Detection /Ethernet Remote/Network test			

Configuration list

Note: a. Using 3ns pulses, the reflection coefficient is typical of -35dB to -55dB.

- b. Using a 3ns pulse, the reflection coefficient is a typical value of -55dB (1310nm).
- c.Uncertainties caused by the refractive index of light are not included.
- d.The output power of the MM 850/1300nm light source is about -24dBm, and the output power of the special 1650nm (38dB) light source is about -24dBm.

NO.	Name	Quantity	Remarks
1	Host	1	
2	AC/DC power adapter	1	
3	U disk (containing analysis software/ User's Manual)	1	
4	Data line	1	
5	OTDR SC adapter	1	
6	OPM SC adapter	1	

NO.	Name	Quantity	Remarks
7	User's Manual	1	
8	Calibration certification	1	
9	Certificate/ Warranty card	1	
10	Clean cotton piece	10	
11	Leather knob	1	
12	Special backpack for instrument	1	

NK6800 High performance OTDR

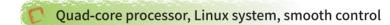
Product overview



NK6800 series high-performance OTDR adopts 7-inch color screen, which makes the operation easier. It integrates multifunction functions to help customers solve the communication link field test and later maintenance more effectively. The maximum dynamic range is 45dB. It can be penetrated through the light splitter to effectively improve the performance in PON network test.

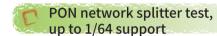
NK6800 series are mainly used to measure the length, loss and connection quality of optical fiber and cable. It is widely used in engineering construction, line maintenance test, emergency repair, development and production measurement of optical fiber and optical cable. It is mainly used in urban trunk line, backbone network and metropolitan area network.

Product features



HD multi-touch capacitive screen, resolution 1024X600

The min event blind area is 0.8m, the max dynamic range is 45dB



Large storage capacity, internal storage >12GB



Generate PDF test and diagnosis report with one click

The file name can be output in both Chinese and English

Integrate OTDR/VFL/LS/OPM/Event Map/Loss Test/End Face Identifie/Ethernet Remote/Network test



7 inch screen Human-computer interaction enrichment



Caution function



Detection of online test Support Chinese and English input



Report printing Files batch processing



Multi wavelength simultaneous test Results automatic analysis