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# NK6200 series high-performance OTDR

#### Product overview

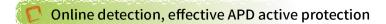


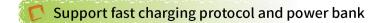
NK6200 series OTDR adopt 7 inch capacitance touch screen, which integrates 9 modules. With excellent intelligent hardware and software design, the accuracy of short fiber test and automatic test is higher. It is equipped with rich Ethernet test (Ping/PPOE, etc), support APP control.

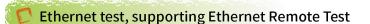
NK6200 series is used to test the optical fiber length, loss and connection quality, and used in the engineering construction, link maintenance test, They are mainly used in urban trunk, bone trunk network and metropolitan area network.

### **Product features**

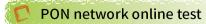


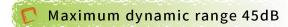


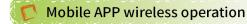












Integrate OTDR/VFL/LS/OPM/Event Map/End Detection/Optical Loss Test/Ethernet test/ Remote test/File management



7 inch screen Key + touch operation mode



Detection of online test Caution function



Two languages input



Report printing Nomenclature in Chinese and English Files batch processing



Multi wavelength simultaneous test Results automatic analysis

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## NK6200 Technical specifications

					OTDR						
Model	S0 S1	S2 S3 S4	T1	T2	T3	T4	T5	T6	F1	M1	SM1 SM2
Type	00 01	02   00   01			SM		10			MM	SM/MM
Wavelength	1310/1550nm		1310nm /1490nm /1550nm		1310nm /1550nm /1625nm		1310nm /1550nm /1650nm		1310nm /1490nm /1550nm /1625nm	850nm/ 1300nm	850nm /1300nm /1310nm /1550nm
MaxDynamicRange(dB)				37/35/35	32/30/30	37/35/35		37/35/35	37/35/35/35	26/28	26/28/35/33 26/28/37/35
Event Blind Zone	0.8m	0.5m	0.8m	0.5m	0.8m	0.5m	0.8m	0.5m	0.5m		1m
ATT Blind zone	4m	3.5m	4m	3.5m	4m	3.5m	4m	3.5m	3.5m		6m
Test Range		100m/500m/1.25km/2.5km/5km/10km/20km/40km/80km/125km/260km/420km									
Pulse Width	3ns/5ns/10ns/20ns/30ns/50ns/80ns/100ns/200ns/300ns/500ns/800ns/1us/2us/3us/5us/8us/10us/20us										
Rangingaccuracy		± (0.75m+ Sample interval+0.0025% × Test distance)									
Loss accuracy	±0.03dB/dB										
Sample Points	≥256k										
Sample Resolution	0.015m~16m										
Reflection Accuracy		±2dB									
Loss Resolution	0.001dB										
Loss Threshold	0.01dB										
File Format	SOR Standard File Format										
Loss Analysis		4-point method /5-point method									
Laser Safety Level	Class II										
Refresh Rate	4Hz (Typ.)										
Data Storage	Internal storage: 2GB, 200,000 curves; External storage: 64GB										
Connector	FC/UPC (Interchangeable SC、ST)										
Data Interface				USB-		port, RJ	45 LAN 10/	100Mbit/	's		
					ОРМ						
Wavelength range						800nm~					
Connector	Universal FC/SC/ST										
Test scope		-50dBm~+26dBm/-70dBm~+6dBm									
Uncertainty		±5% 850nm/980nm/1300nm/1310nm/1490nm/1550nm/1625nm/1650nm									
Calibration wavelength			85011111	/9801111/1	LS	31011111/1	.4901111/13	12011111/16	02311111/1030	nm	
Laser Type					LJ	FP-	I D				
Wavelength		FP-LD Consistent with OTDR output wavelength									
Output power		Consistent with OTDR output wavelength  ≥-5dBm (SM fiber)									
Mode		CW/270Hz/1kHz/2kHz									
Stability			CV	v, ±0.5d			ter 15 minu	ites of pr	eheating)		
Connector					FC/UPC (	(Intercha	ngeable S	C、ST)			
					VFL						
Wavelength						650nm					
output power							)mW				
Mode					== /1.1===	CW/1F	,	o o='			
Connector							ngeable S			1	
	TheO	ptical Loss Test	ındex rei	rers to the	e above li	gnt sour	ce and op	tical pov	ver meter in	aex.	
					Others						
Display				7 inch co			reen Reso	lution:80	00×480		
Power supply	Tv	ype-C adapter: I	nput: 10							m battery	: 3.7V,10400mAh
working mperature	Type-C adapter: Input: $100V\sim240V$ , $50/60Hz$ , Output: $5V/3A$ , $9V/2A$ , $12V/1.5A$ Lithium battery: $3.7V$ , $10400mAh$ $-10^{\circ}C\sim+50^{\circ}C$										
Storage temperature	-40°C∼+70°C										
relative humidity	0∼95%, Non Condensing										
Weight	≤1.2kg										
Size	215mm×160mm×50mm										
Functions of Host: OT	DR/VFL/LS	S/OPM/Event M	ap/End	Detectio	n/Optica	al Loss T	est/Ethei	rnet test	t/Remote to	est/File r	management

### Configuration list

NO.	Name		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	User's Manual	1	

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