

# Model optical time-domain reflectometer

NK1000M Model serials  
optical time-domain reflectometer



Ethernet interface  
plug and play



Internet remote access  
Convenient and quick



Online monitoring  
optical cable link



Comparative analysis  
test and historical curve



Automatic analysis  
OTDR curve

**NovKer®** | Model OTDR series

NovKer--- Quality assurance promises, technology to create future

## Product features



### Ethernet interface plug and play



Remote access to  
Internet access



Dynamic range: 35/33dB  
maximum to 45dB



Link optical  
nondestructive testing



Signal optical  
detection function



Environmental adaptability:  
Operating temperature -10°C~50°C

## Technical specifications and ordering information

Model Item	Model optical time-domain reflectometer								
	S1	S2	S3	S4	T1	T2	OL1	M1	M2
Fiber type	SMF							MMF	MMF
Volume	size: 150 mm *90 mm *30mm								
Wave length (nm)	1310/1550				1625	1625	1625	850/1300	850/1300
Maximum dynamic range (dB)	35/33	38/36	42/40	45/43	35	37	42	24/26	26/28
Event blind zone (m)	1	0.8	0.8	0.8	0.8	0.8	0.8	1	1
Attenuation dead zone(m)	6	6	6	6	6	6	6	6	6
Measuring range	500m /1km /2km /4km /8km /16km /32km /64km /128km /256km								
Measuring pulse width	5ns / 10ns/ 50ns/ 160ns/ 320ns/ 500ns/ 1000ns/ 5000ns/ 10000ns/ 20000ns								
Ranging accuracy	± (0.75m+ Sampling interval +0.005% × Test distance)								
Loss precision	±0.05dB								
Reflection accuracy	± 3dB								
Data storage	≥2000								
Interface type	FC / PC (Replaceable SC、ST)								
Communication interface	UART、mini-USB、10M/100M Ethernet								