

## Technical specifications

Wavelength	1310/1550nm ± 20nm
Dynamic range	37/35dB
Distance setting	Max 420km
Connector	FC/UPC interchangeable adapter or customize
Pulse width	3ns~20μs
Event dead zone	0.5m
Attenuation dead zone	3.5m
Ranging Accuracy	± (1m+Sample interval + 0.0025% x Test distance)
Display range	0 dB to 40 dB
Display resolution	0.01m (length/ cursor) / ~0.01dB (loss/ los return)
OLS function	Same wavelength and connector as OTDR
OPM function	+26~-50dBm, 850/980/1300/1310/1490/1550/1625/1650nm, 2.5mm UPP
VFL function	≥10mW, 2.5mm universal connector
Storage	Internal memory or TF card(optional)
Display	LCD 7 inch touch screen
Power supply	AC input: 100V ÷ 240VAC, 50-60Hz, output: 5v/ 3A, 9V/ 2A, 12V/ 1.5A
Battery parameters	10400mAh, Continuous test > 8h
Data interface	Mini USB
Operation Temperature	-10 ~ +50°C
Storage Temperature	-40 ~ +70°C
Relative humidity	0 ~ 95%
Weight	≤1.2Kg
Size	215 x 160 x 50mm

## Configuration list



# TM OPTICS®

## TM-6800



## 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 auto matic test is higher. . It is equipped with rich Ether net 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

Linux system, smooth control

OTDR/LS/OPM/VFL/Even map/End detection  
Ethernet test/Remote test/File management

Online detection, effective APD  
active protection

Manage result: Cable ID, Fiber ID, start  
point, end point

One button auto matic test

Start fiber, end fiber, pass/ fail setting



7 inch screen  
Key + touch operation mode



Endface  
Connector  
Detection



Multitasking



Multi wavelength simultaneous test  
Results automatic analysis



Report printing  
File batch processing