Technical specifications

Fiber Optic Identifier	
Wavelength Range	800~1700nm
Fiber type	1mm InGaAs 2Pcs
Adapter Type	Φ0.9mm，Φ2.0mm，Φ3.0mm(For pigtails)
Recognition frequency	CW，270Hz，1kHz，2kHz
Signal Direction Indicator	Left and Right LED Turn Signals
Signal Direction Detection Range	-40~+10dBm
Detection Range	≥-20dBm
Insertion Loss (Typical Value)	≤1dB
General Indicators	
Battery	3.7V/500mAh lithium battery
Battery continuous operating time	24h
Operating Temperature	-10℃~+50℃
Storage temperature	-40℃~+70℃
Size	NK430: 82x43x29mm NK432: 79x43x23mm

Configuration list

No.	Name	Quantity	Remarks
1	Host	1	
2	USB cable	1	
3	Velvet bag	1	
4	lithium battery	1	

NK430/NK432 Fiber Optic Identifier



Product overview

The fiber optic identifier employs macro-bend technology to perform non-destructive testing on lines, detecting signal direction and approximate power at any point along single-mode or multi-mode fibers to prevent line interruptions caused by misoperation.

Macrobend Measurement: Detects the direction and intensity of optical signals by analyzing the direction and strength of faint light signals leaked when the fiber bends. This process causes no damage to the fiber and does not interrupt communication, enabling direct testing of 0.9mm tight-buffered fibers and 2mm/3mm patch cords.

Low Battery Monitoring: Emits a yellow or red alert when battery power is low, prompting the user to recharge and prevent service interruption.

Product features

- Identify the direction and frequency of light safely and effectively without cutting the fiber optic cable.
- One-touch operation, simple and convenient
- No need to change fixtures
- Indicates the optical power value of the fiber under test
  Optional Bluetooth for data upload
- Detect 270/1k/2kHz frequencies
- Built-in lithium battery, low power consumption, compact size, and easy to carry.

