

NK270 Technical specifications

OPM				
Wave range	800nm~1700nm			
Connector	Universal			
Detector type	InGaAs			
Power range	-70dBm~+6dBm	-70dBm~+10dBm	-50dBm~+26dBm	-50dBm~+30dBm
Uncertainty	±5%			
Standard wave	850/980/1270/1300/1310/1490/1550/1577/1625/1650nm			
Display resolution	Linear display:0.1%, Logarithmic display:0.01 dBm			
Identified frequency	CW、270Hz、330Hz、1kHz、2kHz			
Storage	Support			
Wavelength recognition	Support			
VFL(optional)				
Wavelength	650nm ± 30nm			
Output power	2mW/10mW/30mW/50mW			
Mode	CW/1Hz/2Hz			
Connector	Universal			
RJ45 Cable Sequence(standard)、RJ45 Cable Tracking (optional)				
Test Range	≤300m			
Others				
Power Supply	2 AAA batteries/Lithium batteries: 3.7V/700mAh(optional)			
Interface	Type-C			
Battery duration	≥120h(OPM)			
Automatic shutdown time	10/30/60min			
Operating temperature	-10℃~+50℃			
Storage temperature	-40℃~+70℃			
Relative humidity	0~95%No condensation			
Dimensions	127mm×78mm×30mm			
Weight	About 200g			

Ordering Information

NK270-A-B-C-D

A	B	C	D
OPM Range: 5:-50dBm~+26dBm 53:-50dBm~+30dBm 7:-70dBm~+6dBm 71:-70dBm~+10dBm	VFL power: 0:None 2:2mW 10:10mW 30:30mW 50:50mW	Battery: D:Dry battery L:Lithium battery	Cable Tracker: 0:None 1:Possess
NK270 selection description: OPM Range must be selected, others options.			

Configuration list

No.	Name	Quantity	Remarks
1	Host	1	
2	instruction manual	1	
3	certificate of conformity/ after-sales service warranty card	1	
4	Sling	1	
5	AAA battery	1	Dry battery selected
6	Lithium battery	1	Lithium battery selected
7	Line finder	1	With RJ45 Cable Tracking function

NK270 OPM/OPM&VFL

Product overview



NK270 OPM/OPM&VFL series products use single chip microprocessor control,Complete Functions。adopt embedded detector and laser, which can be well protected.The machine has 10 standard wavelengths such as 1270nm/1577nm, and also has frequency recognition, wavelength recognition, automatic shutdown, CW/1Hz/2Hz three red light modes, backlight display, wavelength memory, user calibration, lighting and other functions.while supporting Support RJ45 cable sequence and line hunting test, wide test range, high accuracy.

NK270mainly used for continuous optical signal power measurement, optical fiber link loss test and optical fiber line on-off test. They are widely used in optical cable construction and maintenance, optical fiber communication, optical cable sensing, optical CATV and other fields.

Product features

- RecognizeCW/270/330/1k/2kHz modulated optical signals
- 10 Wave power measure
- Support CW/1Hz/2Hz three modes
- Support wavelength memory
- Support backlight display, automatic shutdown
- Support RJ45 Cable Sequenc、Cable Tracking test
- Wavelength recognition
- Support storage



High-definition broken code screen display
The display effect is more delicate



LED/VFL/RJ45 Sequence/length integration



Wavelength memory
Wavelength is automatically saved after shutdown



Type-C interface
Portable battery charging



Environmental adaptability
-10℃~+50℃