

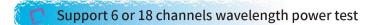
NK530 CWDM Optical Power Meter



Product overview

NK530 series CWDM optical power meter is a CWDM optical network channel detector. It is mainly used to measure and monitor the power of up to 6 or 18 CWDM channels. The test power value can be displayed in column graph or list mode, and the power value of a certain channel can also be viewed separately. The whole machine adopts 3.5-inch 320*480 high-definition color LCD, small size, light weight, strong and durable. It can replace the current high-cost spectrometer for testing CWDM, which can provide fast and reliable measurement in various environments. It is specially designed and developed for the installation, acceptance and maintenance of CWDM optical network, and has become a necessary special tool for CWDM access network maintenance and installation.

Product features



Easy to carry and easy to operate

Display test data in column graph or list mode

3.5 inch TFT LCD, resolution 320*480

Single channel power information can be viewed

User define threshold and stored

OPM /VFL /RJ45 sequence /cable length/cable tracker

Portable battery charging



High definition color LCD

Display effect more delicate



6 function integration





4000mAh lithium battery Portable battery charging



Environmental adaptability - 10°C~+50°C

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NK530 series Technical specifications

Model	NK530-6	NK530-18		
	CWDM Optical Power Meter			
Detector type	InGaAs			
Fiber Type	SMF 9/125μm			
Connector	FC/UPC (APC optional)			
Wave Range	1270~1370nm/1271~1371nm	1270~1610nm/1271~1611nm		
Power Range	-70~-	+10dBm		
Channels	6	18		
Channel Spacing	2	0nm		
Channel Band pass	±6.5nm			
Power resolution	0.01dB			
Power accuracy	±0.5dB			
Return loss	>	45dB		
Isolation of adjacent channels	≥25dB			
Unit	mW/μW/nW/dBm/dB(REF)			
Data Storage]	.000		
	Optical Power Meter			
Connector	F	C/PC		
Calibration Wavelength	850/980/1300/1310/1	.490/1550/1625/1650nm		
Power Range	-70~+10dBm	-50~+26dBm		
Unit	mW/μW/nW	//dBm/dB(REF)		
Test Accuracy	±0.2	5dB(5%)		
Resolution	0.	01dB		
	VFL			
Wavelength	650nr	n±20nm		
Power	≥.	10mW		
Mode	CW/	1Hz/2Hz		
Connector	Universal j	oint FC/SC/ST		
	RJ45 Cable Length			
Test Distance	≤3	00m		
	RJ45 Cable Sequence			
Test Distance		00m		
	RJ45 Cable Tracker			
Test Distance	≤ 3	00m		
	Others			
Display	3.5inch 320*480 Color LCD screen			
Data Interface	Micro USB			
Power Supply	Polymer lithium battery: 3.7V, 4000mAh, Power Adapter: 5VDC, 2A			
Battery Working Time	Stand by>20h; Measuring time>12h			
Working Temperature	-10°C∼+50°C			
Storage Temperature	-40°C~+70°C			
Relative Humidity	0∼95% No condensation			
Weight	350g			
Size	173mm×82mm×37mm			

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Configuration list

NO.	Name	Quantity	Remarks
1	Host	1	including battery
2	Power adapter	1	
3	User's Manual	1	
4	FC / UPC to SC / UPC jumper	1	

	NO.	Name	Quantity	Remarks
	5	RJ45 Tracker	1	
-	6	Data Line	1	
	7	Backpack	1	
	8	Qualification Certificate/After- sales Service Guarantee Card	1	