

NK120 Optical fiber Visual Fault Location pen

Product overview



NK120 series VFL pen has high-power of 650nm laser as emitting device, and the output power can reach more than 15mW. It is suitable for SM/MM optical fiber, used to detect optical fiber connectivity and fault location such as optical fiber fracture and bending. It is equipped with 18650 rechargeable battery (1800mAh) with large capacity for power supply.

The universal adapter is used, which is suitable for FC, SC, ST connectors. It is an ideal tool to test various types of optical fiber jumpers, ribbon and bundle pigtailed, as well as on-site or optical fiber line maintenance.

Product features

Compact appearance, Small volume, Easy to carry

Rotary switch, convenient operation, prevent power loss caused by accidental touch

Universal joint, replaceable adapter and ceramic core

High transmittance red light source, Easily penetrate long-distance optical fiber

Type-C charging port, stable current, Charging safety

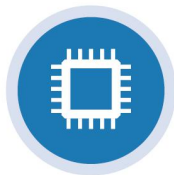
Portable source, emergency charging for smart devices

Large capacity 18650 battery(1800mAh), long endurance

CW/1Hz/2Hz output modes, stable light, light source forceful



Aluminum alloy fuselage
Metallic texture
Feel and texture coexist



High-integrated chip
Integrate power management and signal modulation



Highlight LED
Easy to deal with dark environments



Large capacity Li-battery
1800mAh, long endurance



Environmental adaptability
-10°C~+50°C

NK120 Technical specifications

VFL				
Model	NK120-15	NK120-20	NK120-30	NK120-50
Power	≥15mW	≥20mW	≥30mW	≥50mW
Measuring length (Typ.)	8~10km	≥10km	≥10km	≥10km
Mode	CW/1Hz/2Hz			
Wavelength	650±20nm			
LED	2 pcs			
Fiber type	SM/MM			
Connector	FC、SC、ST			
Power supply	3.7V , 18650 Li-battery (1800mAh)			
Operating temperature	-10°C~+50°C			
Storage temperature	-40°C~+70°C			
Relative humidity	0~95%RH, no condensation			
Weight	200g			
Size	148mm × 29mm × 29mm			
Note: the measured length will vary due to the actual fiber quality.				

Configuration list

NO.	Name	Quantity	Remarks
1	Host	1	Including battery
2	User's Manual	1	
3	Data Line	1	
4	Qualification Certificate/ Service Guarantee Card	1	
5	Sling	1	