

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 (2200mAh) | | | |
| Operating temperature | -10°C~+50°C | | | |
| Storage temperature | -40°C~+70°C | | | |
| Relative humidity | 0~95%RH, no condensation | | | |
| Weight | About 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 | |

NK120 Optical Fiber Visual Fault Location

Product overview



NK120 series VFL 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 (2200mAh) with large capacity for power supply.

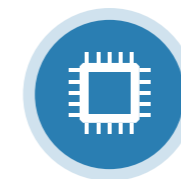
The universal adapter is used, which is suitable for FC, SC, ST connectors. It is an ideal tool to test various types of optical fiber jumpers, ribbon and bundle pigtails, as well as on-site or optical fiber line maintenance.

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(2200mAh), 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
2200mAh, long endurance



Environmental adaptability
-10°C~+50°C