

MODEL: NF-904

Your excellent helper in cable test!

# INSTRUCTION MANUAL

## Fiber Fault Detector



VER: V2

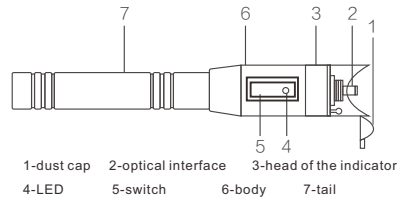
### Instruction:

NF-904 Visual Fault Locator uses the DFB-LD as the emitting component. Driven by constant current source, the indicator can emit stable red laser. The product can be used to inspect fiber failure when they connect with optical interface and be inserted into single mode or multi mode optical fiber. It is indispensable tool in fiber project constructing, fiber net-work maintaining, optical component manufacture and research.

### Technical Parameter:

Output wavelength: 650±10nm  
 Connector: 2.5mm universal connector  
 Working temperature: -10~+45℃ (not dewing)  
 Storage temperature: -15~+50℃

### Outer Structure



### Usage:

1. Screw off the tail, then put batteries into the tail, (Caution: anode of batteries point to bottom of the indicator, cathode of the batteries contact cathode of the indicator).
2. Connect the body with the tail, and open dust cap, then press the switch. You will see the red laser emitting from the optical interface, at the same time, LED will be lighted up (Please don't stare at the beam, for fear of damaging your eyes).
3. Press the switch again, light-emitting changes to pulse mode, and the LED synchronize with light-emitting (pulse frequency will be controlled at 2-3 Hz).
4. Press the switch again, the optical source will shut, and there is normal light. Meanwhile, LED is off (switching cycle mode is: continuous-pulse-shut).
5. Insert the fiber which you want to inspect into optical interface, then press the switch to choose working mode of the light source (continuous or pulse).
6. When finish the working, please screw on the dust cap. If you don't use the indicator for a long time, you must take out the batteries, in case that batteries rot and destroy light source.

### Maintenance and attentions:

1. Please do not shoot the laser to human's eyes as it can hurt eyes. exposure eyes to laser.
2. High temperature can affect the life span of LD, Please avoid using it under high temperature.
3. The head of fiber must be cleared up while the LED operates.
4. Please screw on the dust cap and take out the batteries after using it.

### The NF-904 series

Model	Transmitpower
NF-904-05	Power-5mW
NF-904-10	Power-10mW
NF-904-20	Power-20mW
NF-904-30	Power-30mW

### Please read and study safety notice before use or maintain the device.

- Do not expose the device to direct sunlight.
- Please protect eyes preventing laser pointblank from harming as laser emitter works.
- It usually works against high temperature that result in contraction of laser emitter's life.
- The laser emitter's interface should be maintained in clean status.
- The device's push-pull interface works against heavy force.
- Please put on dust cover in case there would be dust settled down in as stop using it.
- Please put out batteries as stop using.



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