

Fiber Quick Tools

- **Fiber scriber**

- **Bare fiber adapter**

- **Fiber fault locator**



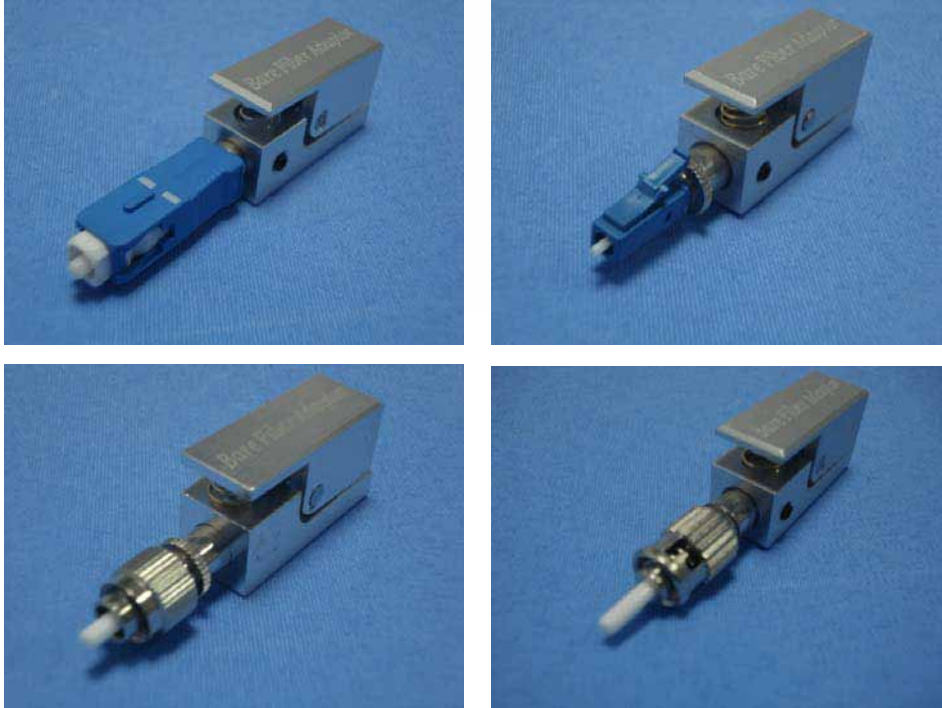
* Fiber scriber

Features:

1. Blade material: Tungsten steel.
2. Sharp blade 、 easy cutting 、 wear-resistant.
3. Portable 、 Anti-acid 、 easy grip.
4. Protective cap of a pen insure the blade will not damage accidentally.



* Bare fiber adapter



Features:

1. Interface: FC 、 SC 、 LC 、 ST , High stability, Reusable.
2. Bare fiber adapter is a professional and quick test tool for optical fiber cable test ,and very suitable for optical emergency repairs and temporary connect.
3. Insertion loss : $\leq 0.5\text{dB}$; Repeatability : $\leq 0.2\text{dB}$; The use of frequency : ≥ 5000 .
4. Operate easily .
5. It is reusable, and can be used for single / multi-mode fiber.

Using instructions:

Stripping out of the optical fiber coating layer (15~20mm) and use alcohol to clean the fiber, press the switch of bare fiber adapter, push fiber into along the hole slowly, until the fiber extend the ferrule's surface (5~6mm), next, relax the switch, and use the fiber scribe cutting the optical that extend the ferrule's surface lightly, broken off the fiber.



* Bare fiber adapter

Features:

1. Power form solar.
2. Continuous using time about 8 hours.
3. High strength red light.
4. It can easily adapt into different connectors.

Application:

Leading the red light into fiber with the Fiber-optic connectors. It can be used as a identification of the multi-core fibers, Examining the failure point of the fiber-optic, Breakpoint, the beginning or the end of the optical properties. For example, fibers jump connector, pigtail, the core fiber in the optical fiber junction box or bare fiber and so on. The distance that optical fiber could trace can reach far from 8 kilometers, so it is an impotent tool that every optical fiber maintenance staff must be equipped with.

Use Methods:

Before the test, the optical fiber connector devices must be clean, let the optical plug connected with the detector's output, press the switch of the detector, the red light can be seen at the output, the user can find the failure of the fiber or the connector breakpoint and micro bending by the red light.

Specifications:

Light Source	LD
Light Source wavelength	650±10 nm
Fiber Optical power (Single mode)	≥2 mw (3 dBm)
Fiber Optical recognition distance	≥8 Km
Output Interface	General-purpose (SC 、 FC 、 ST)/ PC or APC
Operating Temperature	-10℃ ~ +50℃
Storage Temperature	-20℃ ~ +80℃
Weight	80g
Volume (L×W×H)	64×38×18
Charging time	3 hours
Working hours	8 hours

