



## ST820B Optical Fiber Identifier



ST820B Optical Fiber Identifier is an essential instrument for the installation and maintenance of optical fiber projects. It can easily detect any spot of SM fiber cables. Through inserting a 1310 or 1550 modulated signal into the fiber, it is used to indicate the direction of the transmitting signals, find and locate the specific fiber without interrupting the current work during the installation, cabling and maintenance. The ST820B optical fiber identifier also recognize the modulation like 270Hz, 1kHz and 2kHz .When they are used to detect the frequency, the continuously audible tone is activated.

### Adapter

There are four adapter heads available:  $\varnothing 0.25$ ,  $\varnothing 0.9$ ,  $\varnothing 2.0$  and  $\varnothing 3.0$ .

### Application

- Telecom Projects
- Optical Fiber CATV
- Generic cabling system
- Production and research of optical components

### Technical Specification

Items	ST820B
Identified Wavelength Range	800-1700 nm
Detector Type	$\varnothing 1$ mm InGaAs 2pcs
Identified Signal Type	CW、270Hz, 1kHz、2kHz
Detection sensitivity	-40dBm
Adapter Type	H 0.9/0.25 for bare fiber; H 2.0/3.0 for pigtail
Insertion Loss	H 0.25~H 0.9: 0.1dB
	H 2.0~H 2.5: 0.5dB
	H 2.5~H3.0: 1.0 dB
Signal Direction	Left & Right LED
Signal Intensity	3 Levels of signal intensity
Power Supply	AAA 1.5V(2pcs batteries)
Operating Temperature	-10—+50°C
Storage Temperature	-20—+70°C
Weight (g)	210
Dimension (mm)	200*30*27mm

