

# AFI 400

## Optical Fiber Identifier



- Support to detect optical signals without disrupting traffic;  
Based on non-destructive technology;
- Indicate the signal direction in fiber;
- Detect a variety of optical tones, 270Hz, 1kHz and 2kHz;
- Suitable for 0.25, 0.9, 2.0, 3.0mm fiber, and no need to replace the clamp block, more convenient than others;
- Build in visible fault locator  
1mW or 10mW optional
- Battery low indication;
- Powered by 2 units of 1.5V AA alkaline batteries;



**ISO**  
**9001:2008**  
REGISTERED

## Main Characteristic

	AFI 400	AFI420S	AFI420L
Wavelength Range	800 to 1700nm (SM)		
Recognizable signal type*	CW, 2kHz, 1kHz, 270Hz $\pm$ 10%		
Detector Type	InGaAs 2pcs		
Fiber Type	0.9, 0.25, 2.0, 3.0 mm fiber		
Sensitivity	+10 ~ -40dBm		
Accuracy *	+10dB to -30 dBm (Continuous Wave)		
	+10dB to -25 dBm (Modulated Signal)		
LED Indicator	Signal direction; signal frequency (2kHz/1kHz/270Hz); low battery		
Visual Fault Locator	No	1mW	10mW
Storage Temperature	-20 -- +60 °C, < 90%RH		
Operating Temperature	-10 -- +50 °C, < 90%RH		
Power Supply	AA * 2		
Size	230mm * 45mm * 45mm		
Weight	About 200g		

\* at  $20 \pm 3^{\circ}\text{C}$ , 1550nm wavelength, 0.9mm fiber, with white coat, 270Hz, error < 5%,

\* 0.25, 2.0, 3.0mm fiber, the performance at continuous wave will be lower

\* 1KHz, 2KHz, the performance at modulated signal will be lower

\* at 1310nm wavelength, the performance will be lower

## Accessories

Standard	User's manual	1
	Calibration certification	1
	Carrying bag	1