Live Fiber Identifier

AFI400/420
Live Fiber Identifier

GENERAL DESCRIPTION

The AFI Live Fiber Identifier allows you to detect traffic and measure signals anywhere onsinglemode fibers without having to disconnect them . It also lets you check for signal presence before rerouting or maintenance , perform continuity tests and verify cable labeling. Based on non-destructive macrobending technology,the AFI doesn't disrupt traffic,damage or overstress the fiber,enabling efficient,accurate and reliable data acquisition

AFI400 **AFI420**

- Indicate the signal directions in fiber

- Indicate the signal presence or absence (Live or dark fiber)

- Detect tones 270Hz, 1kHz and 2kHz to verify the modulated signal type

- 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 VFL 1mW or 10mW (AFI420)

- Battery low indication

- Powered by 2 units of 1.5V AA batteries

- One-year warranty and Three-year recommended calibration interval

FTTx
Test Solutions

CE

ISO 9001:2008 REGISTERED

OptiCom optical communications

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SPECIFICATIONS

Model	AFI 400	AFI420S	AFI420L
Wavelength Range	800 to 1700nm (SM)		
Recognizable signal type*	CW, 2kHz, 1kHz, 270Hz ±10%		
Detector Type	InGaAs 2pcs		
Fiber Type	0.9, 0.25, 2.0, 3.0 mm fiber		
Sensitivity	+10 ~ -50dBm		
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
VFL Connector	2.5mm universal connector		
Power Supply	AA * 2		

* at 20±3℃, indoor, 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

GENERAL SPECIFICATIONS

Size(H*W*D)	230mm * 45mm * 45mm
Weight	About 200g
Storage Temperature	-20 -- +60 ℃, < 90%RH
Operating Temperature	-10 -- +50 ℃, < 90%RH

ACCESSORIES

Standard

User's manual*1
Certificate of Calibration*1
Carrying bag*1

ORDERING INFORMATION

AFI-X
|
Model

AFI-400 : Standard live fiber identifier without VFL
AFI-420S: Standard live fiber identifier with 1mw VFL
AFI-420L: Standard live fiber identifier with 10mw VFL

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