

## OFI-30A/AT Optical Fiber Identifier

- ◆ Low-frequency signal online injection
- ◆ Do not interfere with the online optical fiber
- ◆ Support a variety of optical fiber diameter
- ◆ Identify the signal automatically
- ◆ Simple, free training
- ◆ Non-destructive detection
- ◆ Indication of signal presence, strength and direction
- ◆ CW/MOD tones detection
- ◆ Buzzer indication
- ◆ Digital Display relative optical power
- ◆ Detected low-frequency signal emitted of OFI-30AT
- ◆ Handheld & sturdy



OFI-30A/AT can detect optical signals presence, type and direction anywhere on fibers during an optical network deployment, maintenance or troubleshooting. With non-destructive macro-bend detection technology, it introduces no damage to tested fiber or interference to the service on fiber.

OFI-30A/AT Optical Fiber Identifier is an important tool for optical maintenance, while used for nondestructive fiber identification work, can detect in any location of both SM and MM fiber. Meanwhile when combined with a OFI-30A/AT Optical Signal Generator, which can realize low-frequency signal online injection, and also realize and find a particular fiber online without modulation signal in optical fiber signal .

### Specifications

Model	OFI-30A
Identified Wavelength Range	800~1700nm
Detector Type	InGaAs
Adapter Type	Ø0.25 (Applicable for Bare Fiber); Ø0.9 (Applicable for Ø0.9 Cable );Ø2.0 (Applicable for Ø2.0 Cable ), Ø3.0 (Applicable for Ø3.0 Cable )
Identified Signal Type(HZ)	CW, 270, 1K, 2K
Signal Direction	Left & Right LED

Model	OFI-30A	
Signal Direction Test Range (dBm, CW/3mm bare fiber)	-20~+10 (1310nm)	
	-30~+10 (1550nm)	
Signal Power Test Range (dBm, CW/3mm bare fiber)	-30~+10	
Signal Frequency Display (Hz)	270, 1K, 2K	
Frequency Test Range (dBm, Average Value)	Φ0.9, Φ2.0	-30~0
	Φ0.9, Φ2.0	-25~0
	Φ3.0	270Hz,1KHz
	Φ3.0	2KHz
Frequency Test Range (dBm, Average Value)	0.8 (1310nm)	
	2.5 (1550nm)	
battery electric power display	Power double color LED	
Weight (without batteries)	<210g	
Model	OFI-30AT	
Signal types	1Hz low-frequency signal	
Signal mode	Mechanical vibration	
Insertion Loss	<1dB (1310nm)	
Fiber Type	G657A1、G657A2、G655、G652D	
fiber diameter	0.9/2/3	
Weight (without batteries)	<230g	
General Specification		
Alkaline Battery(V)	9V	
Operating Temperature(°C)	0~+50	
Storage Temperature(°C)	-10~+70	
Dimension (mm)	209X33X31	

\* Specifications subject to change without notice

#### Order information:

#### Standard Packages

OFI-30A,OFI-30AT,User Manual, Soft Carrying case, Alkaline battery, Header\*4, Light shield