

## Right-Bend™ Fiber Identifier



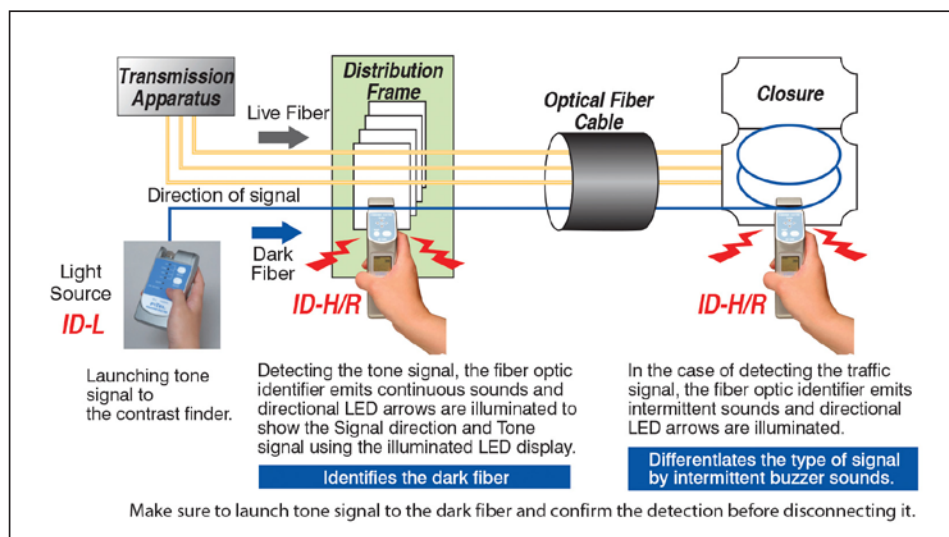
### Features and Benefits

- Accurately detects bi-directional signal traffic
- Helps prevent ambient noise while providing reliable detection
- Wide dynamic range
- No Head changing or adjustments
- LCD screen adoption (Detection Light Level, Modulation Light Frequency, Machinery Information)
- Detects the signal without disrupting traffic
- Detects the tone signal and traffic signal
- Lighted LED displays for clear identification
- Lightweight design for easy handling
- Super low insertion loss
- RoHS Compliant

### Overview

The FITEL Right-Bend Fiber Identifiers are rugged, user-friendly tools which identify optical fibers by detecting the optical signals passing through the fiber utilizing local detection technology.

### Example Of Application:



For additional information please contact your sales representative.

You can also visit our website at [www.ofsoptics.com](http://www.ofsoptics.com) or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.

**Fusion Splicer Customer Service, Training and Service Center**

Toll Free: 866-452-9516  
 Phone: 678-783-1090  
 Fax: 678-783-1093  
 Email: [splicers@ofsoptics.com](mailto:splicers@ofsoptics.com)

**OFS Corporate Headquarters**

2000 Northeast Expressway  
 Norcross, Georgia 30071, USA  
 Toll Free: 888-Fiber-Help  
 Intl. Phone: 770-798-5555



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**Standard Package**

Item	Code	Note
Main Unit	AI02H	Battery and Strap and Instruction manual are included
Carrying Case	AI02H-001	Easily attaches to belt or tool pouch

**Specifications**

Applicable Fiber	Up to SM 12-fiber ribbon SM 250 μm single fiber	Up to 3 mm Cordage (built-in only SM 250 μm single fiber)	SM 900 μm tight buffer (Reference value)	
Applicable Wavelength	900 ~ 1700nm			
Frequency for Tone Signal	270 Hz and 1 kHz and 2 kHz (Duty ratio 50 ±10%) Modulation Light No Modulation Light Communication Light that Continued			
Measurement Range of Optical Power <sup>1</sup>	0 ~ -80dBm			
Maximum Level of Insertion Loss (Typical)	1310 nm 1550 nm 1650 nm	0.1 dB 1.0 dB 2.5 dB	0.5 dB 2.0 dB 3.0 dB	
Average Minimum Detection Level <sup>2</sup> (Typical)	1310 nm 1550 nm 1650 nm	-40 dB -50 dB	-30 dB -40 dB	-15 dB
Indication for Traffic Signal or Tone Signal	[ Traffic Signal <sup>3</sup> ] Direction LED illuminates + Intermittent buzzer sound + Displayed an Optical power measurement range by LCD [ Tone Signal ] Direction LED illuminates + Tone LED illuminates + Continuous buzzer sound + Displayed an Optical power measurement range by LCD + Displayed Frequency by LCD			
Operating Time	8 hours (Using alkaline battery)			
Dimensions	40W×65D×153H mm			
Weight	160 g (Including battery)			

<sup>1</sup> Duty ratio 50%

<sup>2</sup> This specification is based on our optical fiber with our test method.

<sup>3</sup> DO NOT disconnect or rewire based only on the traffic signal detection. Make sure to launch the tone signal before disconnecting or rewiring the fiber.