

ID-H/R Fiber Identifier

The FITEL ID-H/R is a rugged, user-friendly tool which identifies optical fibers by detecting the optical signals passing through the fiber utilizing local detection technology.

Key Features

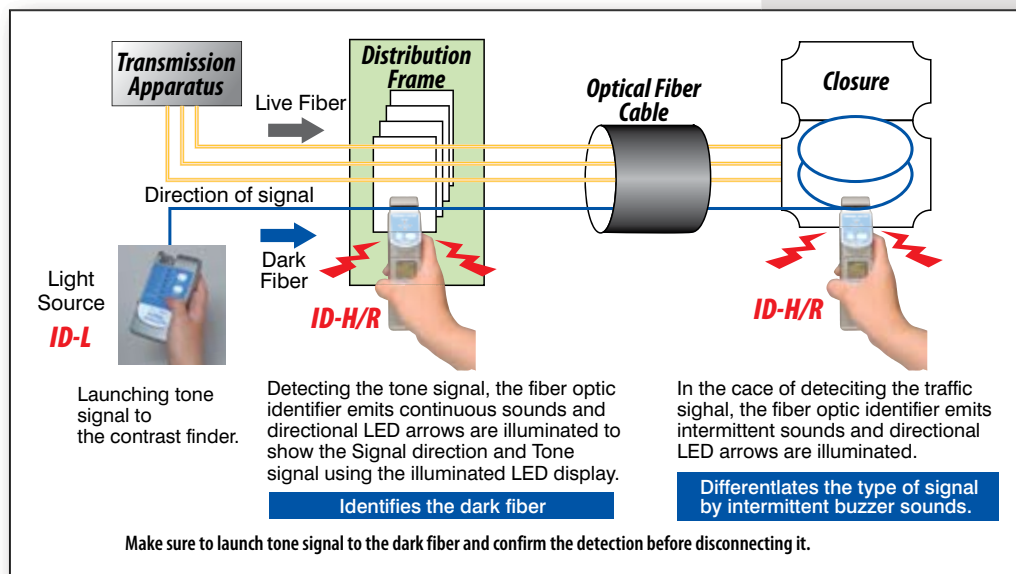
- Wide dynamic range
- No Head changing or adjustments
- LCD screen adoption
(Detection Light Level, Modulation Light Frequency, Machinery Information)
- Detects the signal without disrupting traffic
- Detects the tone signal and traffic signal
- Lighted LED displays for clear identification
- Lightweight design for easy handling
- Super low insertion loss
- RoHS Compliant



STANDARD COMPONENTS:

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

EXAMPLE OF APPLICATION:



SPECIFICATIONS:

Applicable Fiber	Up to SM 12-fiber ribbon SM 250 μ m single fiber	Up to 3 mm Cordage (built-in only SM 250 μ m single fiber)	SM 900 μ m tight buffer (Reference value)
Applicable Wavelength	900 ~ 1700nm		
Frequency for Tone Signal	270 Hz and 1 kHz and 2 kHz (Duty ratio 50 \pm 10%) Modulation Light No Modulation Light Communication Light that Continued		
Measurement Range of Optical Power ¹	0 ~ -80dBm		
Maximum Level of Insertion Loss (Typical)	1310 nm	0.1 dB	0.5 dB
	1550 nm	1.0 dB	2.0 dB
	1650 nm	2.5 dB	3.0 dB
Average Minimum Detection Level ² (Typical)	1310 nm	-40 dB	-30 dB
	1550 nm	-50 dB	-40 dB
	1650 nm		
Indication for Traffic Signal or Tone Signal	[Traffic Signal ³] 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)		

¹ Duty ratio 50%
² This specification is based on our optical fiber with our test method.
³ 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.

Contact Us:

Fusion Splicer Customer Service, Training and Service Center
 417 Dividend Drive
 Peachtree City, GA 30269, USA
 Toll Free: 866-452-9516
 Phone: 678-783-1090
 Fax: 678-783-1093
 Email: splicers@ofsoptics.com

OFS Corporate Headquarters
 2000 Northeast Expressway
 Norcross, Georgia 30071, USA
 Toll Free: 888-Fiber-Help
 Intl. Phone: 770-798-5555
 Email: ofs@ofsoptics.com

For additional information please contact your sales representative. You can also visit our website at:
<http://www.ofsoptics.com>.

FITEL is a trademark of Furukawa Denki Kogyo Kabushiki Kaisha DBA The Furukawa Electric Co., Ltd Corporation.

OFS reserves the right to make changes to the prices and product(s) described in this document in the interest of improving internal design, operational function, and/or reliability.

This document is for informational purposes only and is not intended to modify or supplement any OFS warranties or specifications relating to any of its products or services.

Copyright © 2009 OFS FITEL, LLC.
 All rights reserved, printed in USA.

OFS
 Marketing Communications
 FITEL-ID-H/R-0409



Use electronic files, available at:
www.ofsoptics.com - Use less paper