

ID-H Fiber Identifier



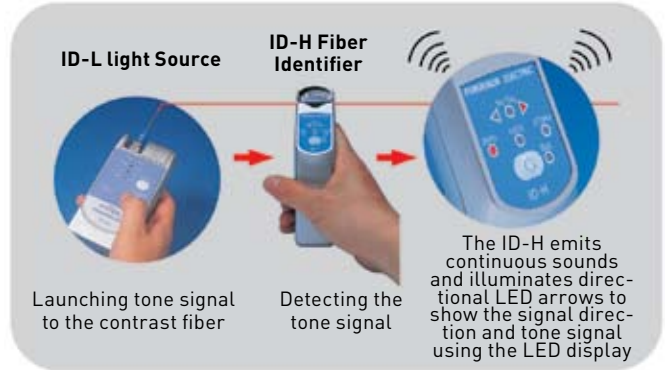
DESCRIPTION

The ID-H Fiber Identifier is a lightweight, handheld, easy-to-use tool to safely and effectively identify the transmission direction, fiber path, and relative core power on live optical fibers.

FEATURES

- Lightweight design for handheld use
- Included carrying case attaches easily to belt or tool pouch
- Battery powered for portable use
- Interchangeable adapter heads for jacketed, coated, or ribbon fiber
- Detects tone signal and traffic signal without disconnection of the optical fiber
- LED displays and audible tone indicators for clear identification
- Detects 270Hz, 1kHz, and 2kHz tone signals
- Super low insertion loss compared to similar product

EXAMPLE



STANDARD PACKAGE

ORDERING CODE	PRODUCT NAME	P/N	REMARKS
ID-H	Main Unit	ID-H-101	Battery, Strap, and Instruction Manual included
	Adapter Head (For single fiber and ribbon)	ID-H-102	Applicable for following SMF: Up to 12-fiber ribbon; 250µm single fiber
	Adapter Head (For tight buffer)	ID-H-103	Applicable for SM 900µm tight buffer
	Adapter Head (For 1.6mm cordage)	ID-H-104	Applicable for SM 1.6mm cordage
	Adapter Head (for 3.0mm cordage)	ID-H-105	Applicable for SM 3.0mm cordage
	Carrying Case	ID-H-106	Attaches to tool belt
Option	Adapter Head (for 2.0mm cordage)	ID-H-107	Applicable for SM 2.0mm cordage

SPECIFICATIONS

ITEM	DESCRIPTION		
Applicable Fiber	Up to 12-fiber ribbon 250µm single fiber	900µm tight buffer fiber	Cordage
Applicable Wavelength	1550nm		
Frequency for Tone Signal ⁽¹⁾	270Hz, 1kHz, 2kHz		
Typical Insertion Loss	1310nm: 0.1dB 1550nm: 1.0dB	1310nm: 0.1dB 1550nm: 0.5dB	1310nm: 0.1dB 1550nm: 0.5dB
Minimum Receiving Level ⁽²⁾	1550nm: -38dBm	1550nm: -33dBm	1550nm: -25dBm
Indication for Traffic Signal ⁽³⁾	Direction LED illuminates + Intermittent buzzer sound		
Indication for Tone Signal	Direction LED and Tone signal; LED illuminates + continuous buzzer sound		
Operating Time	8 hours (Using alkaline battery) (Auto shutdown functionality)		
Dimensions	40W x 60D x 150H (mm)		
Weight	160g (including battery)		

(1) Duty ratio 50%, (2) This specification is based on Furukawa optical fiber with Furukawa's test method, 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.

ID-L Light Source



Carrying Case

SPECIFICATIONS

ITEM	DESCRIPTION
Wavelength	SM/1550+/- 30nm
Frequency	CW, 270Hz, 1kHz, 2kHz
Launch Power	More than -5dBm
Connector Type	SC
Battery Life	16hrs (uses standard 9V battery)
Dimensions	70W x 22.5D x 128H (mm)
Weight	160g

STANDARD PACKAGE

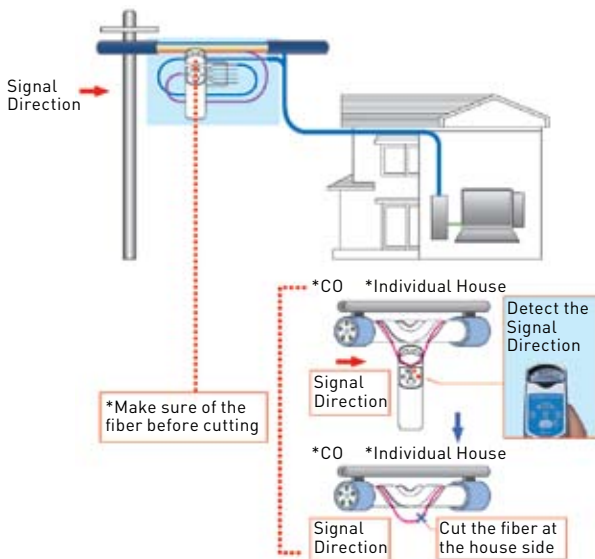
ITEM	P/N	QTY
Main Unit	ID-L/DA1	1
Carrying Case	ID-L/XA1	1
Manual	- - -	1

DESCRIPTION

The ID-L Light Source used in conjunction with the Fiber Identifier offers you all the right tools to make your job easier. The ID-L is lightweight, hand-held unit that features a single button control to change the output mode from CW, 270Hz, 1kHz, and 2kHz. The ID-L is battery powered and includes an auto-shutdown function.

- Operates more than 16 hours by battery (auto shutdown function)
- SC, FC, ST, DIN, and DIA connectors are available
- Lightweight design for easy handling
- Removable adapter for easy cleaning
- Used in conjunction with the FITEL ID-H Fiber Identifier

EXAMPLE FOR APPLICATION



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