



**GREENLEE**  
COMMUNICATIONS

*fiberTOOLS™*

# FI-100 FIBER IDENTIFIER

## FAST, SIMPLE, AND RUGGED FIBER IDENTIFICATION



### LOW INSERTION LOSS.

Non-intrusive low insertion loss prevents alarm conditions

### EASY OPERATION.

Identifies fiber with tone detect and a clear indication of signal transmission direction

### VERSATILE.

Supports all common fibers including 250µm, 900µm, 2mm, and 3mm and is able to sense light in bend insensitive fibers

**FAST. ACCURATE. RELIABLE.™**

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FAX 800.451.2632

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FAX 800.524.2853

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# FI-100

## FIBER IDENTIFIER

FOR PRODUCT VIDEOS, DEMONSTRATIONS  
AND MORE, SCAN THIS QR CODE OR VISIT:  
[www.youtube.com/GreenleeDEMO](http://www.youtube.com/GreenleeDEMO)



## SPECIFICATIONS

<b>Identified Wavelength Range</b>	800-1700nm
<b>Identified Signal Type</b>	270Hz $\pm$ 5%, 1kHz $\pm$ 5%, 2kHz $\pm$ 5%
<b>Detector Type</b>	1mm InGaAs
<b>Adapter Types</b>	$\emptyset$ 0.25 (Applicable for Bare Fiber) $\emptyset$ 0.9 (Applicable for $\emptyset$ 0.9 Cable) $\emptyset$ 2.0 (Applicable for $\emptyset$ 2.0 Cable) $\emptyset$ 3.0 (Applicable for $\emptyset$ 3.0 Cable)
<b>Signal Indication</b>	Left & Right LED
<b>Signal Direction Test Range (CW/0.9mm fiber)</b>	-46 to 10dBm (1310nm) -50 to 10dBm (1550nm)
<b>Signal Power Test Range (CW/0.9mm fiber)</b>	-50 to +10dBm
<b>Signal Frequency Display</b>	270Hz, 1kHz, 2kHz

<b>Tone Detect Test Range (Average)</b>	$\emptyset$ 0.9, $\emptyset$ 2.0, $\emptyset$ 3.0	-30 to 0dBm (270Hz, 1kHz) -25 to 0dBm (2kHz)
	$\emptyset$ 0.25	-25 to 0dBm (1kHz, 2kHz) -20 to 0dBm (2kHz)
<b>Insertion Loss (Typical/ Maximum)</b>	0.3 / 0.8dB at 1310nm 1.5 / 2.5dB at 1550nm	
<b>Battery</b>	AAA Alkaline (2)	
<b>Operating Temperature</b>	-10 to +60°C	
<b>Storage Temperature</b>	-25 to +70°C	
<b>Dimension</b>	196 X 30.5 X 27mm	
<b>Weight</b>	195g	
<b>Certifications</b>	CE, FCC, WEEE	

\*Specifications subject to change without notice

## ORDERING INFORMATION

CAT NO.	DESCRIPTION
FI-100-KIT	Fiber Identifier Kit
FI-100	Fiber Identifier
FI-100-250-ADAPTER	250 $\mu$ m Adapter
FI-100-900-ADAPTER	900 $\mu$ m Adapter
FI-100-2MM-ADAPTER	2mm Adapter
FI-100-2MM-ADAPTER	3mm Adapter
FI-100-CASE	Soft Carry Case
FI-100-MANUAL	Instruction Manual
FI-100-SUNSHADE	Sun Shade

FI-100 KIT contains all items shown above, instruction manual, sun shade and two AAA batteries.

### DISTRIBUTOR INFORMATION:



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