

fiberTOOLS™

FI-100 FIBER IDENTIFIER

Fast, Simple Fiber Identification



FIELD TEST EQUIPMENT



2015

LIGHTWAVE
INNOVATION
AWARDS



NON-INTRUSIVE.

Low insertion loss testing prevents alarm conditions.

TONE DETECTION.

Trace injected signals without disconnecting fibers.

VERSATILE.

Supports all common fibers including ribbon cables and can sense light in bend insensitive fibers.

FI-100

FIBER IDENTIFIER

FOR PRODUCT VIDEOS,
DEMONSTRATIONS AND MORE, VISIT:
[youtube.com/GreenleeDEMO](https://www.youtube.com/GreenleeDEMO)

SPECIFICATIONS

Identified Wavelength Range	800-1700nm		
Identified Signal Type	270Hz ±5%, 1kHz ±5%, 2kHz ±5%		
Detector Type	1mm InGaAs		
Adapter Types	Ø0.25 (Applicable for Bare Fiber and ribbon cable)	Tone Detect Test Range (Average)	Ø0.9, Ø2.0, Ø3.0 -30 to 0dBm (270Hz, 1kHz)
	Ø0.9 (Applicable for Ø0.9 Cable)		-25 to 0dBm (2kHz)
	Ø2.0 (Applicable for Ø2.0 Cable)		-25 to 0dBm (1kHz, 2kHz)
	Ø3.0 (Applicable for Ø3.0 Cable)		-20 to 0dBm (2kHz)
Signal Indication	Left & Right LED	Insertion Loss (Typical/ Maximum)	0.3 / 0.8dB at 1310nm 1.5 / 2.5dB at 1550nm
Signal Direction Test Range (CW/0.9mm fiber)	-46 to 10dBm (1310nm) -50 to 10dBm (1550nm)	Battery	AAA Alkaline (2)
Signal Power Test Range (CW/0.9mm fiber)	-50 to +10dBm	Operating Temperature	-10 to +60°C
Signal Frequency Display	270Hz, 1kHz, 2kHz; (+/-5%)	Storage Temperature	-25 to +70°C
		Dimension	196 X 30.5 X 27mm
		Weight	195g
		Certifications	CE, FCC, RoHS

*Specifications subject to change without notice

ORDERING INFORMATION

CAT NO.	UPC NO.	DESCRIPTION
FI-100 KIT	03353	Fiber Identifier Kit
FI-100-250	03354	250µm Adapter
FI-100-900	03355	900µm Adapter
FI-100-2MM	03356	2mm Adapter
FI-100-3MM	03357	3mm Adapter
FI-100-CASE	03358	Soft Carry Case
FI-100-MANUAL		Instruction Manual
FI-100-SUNSHADE	03359	Sun Shade

The FI-100 KIT comes complete with all four adapters, instruction manual, sun shade and two AAA batteries all packed in a soft carry case.

