



**FIBER TOOLS**

# FI-100

## FIBER IDENTIFIER

Fast, Simple Fiber Identification

### Product Features:

#### 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.



1390 Aspen Way Vista, CA • 92081

TC6178 02/20

Latin America Phone : 1.760.510.0558 | EMEA Phone: +44 (0) 1633 927050

©2020 Tempo Communications Inc. • An ISO 9001 Company

EMEA Address: Tempo Communications Limited • Brecon House,  
William Brown Close, Cwmbran • NP44 3AB, UK

[TempoCom.com](http://TempoCom.com) | tel 800.642.2155



**TEMPO**  
COMMUNICATIONS

*Renewed Vision. Innovation Forward.*



Follow us on Social Media  
[@TempoComms](https://twitter.com/TempoComms)



# FIBER TOOLS

## Specifications:

Identified Wavelength Range	800-1700nm	
Identified Signal Type	270Hz ±5%, 1kHz ±5%, 2kHz ±5%, 330Hz ±5%,	
Detector Type	1mm InGaAs	
Adapter Types	Ø0.25 (Applicable for Bare Fiber and ribbon cable) Ø0.9 (Applicable for Ø0.9 Cable) Ø2.0 (Applicable for Ø2.0 Cable) Ø3.0 (Applicable for Ø3.0 Cable)	
Signal Indication	Left & Right LED	
Signal Direction Test Range (CW/0.9mm fiber)	-46 to 10dBm (1310nm) -50 to 10dBm (1550nm)	
Signal Power Test Range (CW/0.9mm fiber)	-50 to +10dBm	
Signal Frequency Display	270Hz, 330Hz, 1kHz, 2kHz; (+/-5%)	
Tone Detect Test Range (Average)	Ø0.9, Ø2.0, Ø3.0	-30 to 0dBm (270Hz, 1kHz)
		-25 to 0dBm (2kHz)
	Ø0.25	-25 to 0dBm (1kHz, 2kHz)
		-20 to 0dBm (2kHz)
Insertion Loss (Typical/ Maximum)	0.3 / 0.8dB at 1310nm 1.5 / 2.5dB at 1550nm	
Battery	AAA Alkaline (2)	
Operating Temperature	-10 to +60°C	
Storage Temperature	-25 to +70°C	
Dimension	196 X 30.5 X 27mm	
Weight	195g	
Certifications	CE, FCC, RoHS, EAC	
Number of Activations	3600	

## Ordering Information:

CAT. NO.	DESCRIPTION
FI-100 KIT	Fiber Identifier Kit
FI-250/RIB	250µm / Ribbon Adapter
FI-100-900	900µm Adapter
FI-100-2MM	2mm Adapter
FI-100-3MM	3mm Adapter
FI-100-CASE	Soft Carry Case
FI-100-MANUAL	Instruction Manual
FI-100-SUNSHADE	FI-100-SUNSHADE

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

1390 Aspen Way Vista, CA • 92081

TC6178 02/20

Latin America Phone : 1.760.510.0558 | EMEA Phone: +44 (0) 1633 927050

©2020 Tempo Communications Inc. • An ISO 9001 Company

EMEA Address: Tempo Communications Limited • Brecon House,  
William Brown Close, Cwmbran • NP44 3AB, UK

[TempoCom.com](http://TempoCom.com) | tel 800.642.2155



**TEMPO**  
COMMUNICATIONS

*Renewed Vision. Innovation Forward.*



Follow us on Social Media  
[@TempoComms](https://www.instagram.com/TempoComms)

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [LAN/Telecom/Cable Testing](#) category:*

*Click to view products by [Tempo Semiconductor](#) manufacturer:*

Other Similar products are found below :

[7000031757](#) [MS2-KIT](#) [MT-8202-05](#) [MS2-100](#) [00486](#) [00984](#) [TCT-1620](#) [TCT-680](#) [150050](#) [150058](#) [150059](#) [150060](#) [158050](#) [158051](#) [158053](#)  
[158055](#) [TCT-2690PRO](#) [TCT-700](#) [TESTER-MS6811](#) [TESTER-MS6812](#) [PA901066](#) [23636](#) [23639](#) [262](#) [VDV526-052](#) [MS-POE](#) [MS-POE-](#)  
[KIT](#) [REMOTEID-KIT](#) [00533](#) [N044-000-R](#) [3353](#) [TM-902](#) [TM-903](#) [60584](#) [LAN-1](#) [ADAPTOR RJ45-COAX](#) [LP-SPT](#) [24-517](#) [231A](#) [CT20](#)  
[40180](#) [CLT600](#) [TG20](#) [GBE FIBRE KIT LX](#) [GBE FIBRE KIT SX](#) [HDMI-100](#) [TEP-100](#) [KE301](#) [KE3100](#) [KE3150](#)