

Optical Fiber Identifier | EFI-50

EFI-50 is a rugged, easy-to-use Live Fiber Detector that detects the presence of live signals on an optical fiber or optical fiber patch cord, without disconnecting the fiber network. The EFI-50 induces a safe macro-bend to allow a small amount of light to escape to detect the presence of network traffic, test tones or CW signals, without over stressing the fiber. In addition, the EFI-50 using a tone recognition feature which can locate specific dark fibers (at 270Hz/1kHz/2kHz)

EFI-50 is a multipurpose device that also includes an optical power meter and a visual fault locator built in.

The EFI-50 is a multi-purpose tool for the fiber technicians to perform trouble-shooting & repair management of a fiber network with mislabelled or unlabelled fibers, as a single man operation.

Advanced

Applications:

- Identify live fiber
- Differentiate specific dark fiber using tone recognition
- Built in Optical power meter: Measure optical power
- Built in Visual fault locator: Identify fiber breaks
- Can be used with a tone generator for fiber matching

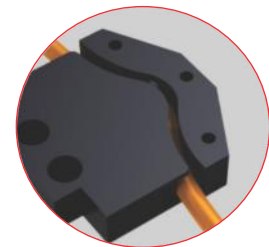
Features:

- Color TFT display
- Live fiber identifier: Signal direction indication indicated on LCD Display & through left right arrow light. (*only for single mode fiber & for single direction signals)
- Universal adaptor: Use same adaptor for different fiber types &/or patchcords
- Optical Power meter: 850nm/1300nm/1310nm/1490nm/1550nm/1625nm operating wavelengths with Wave ID function for circular



Specifications | EFI-50 Optical Fiber Identifier:

Applicable Fibers	0.25/0.9/2.0/3.0mm fiber
Live Fiber Indication	Visual on TFT Color display & Buzzer sound
Fiber Signal Direction	Visual indication on TFT Color display & Left-Right arrow indicator lights *applicable only for singlemode fiber & for single direction signals
Tone Recognition	270Hz/1KHz/2KHz carrier signal
Calibration Function	Yes
Max. Input Power	+20dBm
Min. Sensitivity	-50dBm
Modulation Identification	Yes
Visual Fault Locator	1mW, with Glint function
Optical Power Meter	EFI-50T: -70~+6dBm EFI-50C: -50~+26dBm
Wavelength (nm)	850/1300/1310/1490/1550/1625
Resolution/ Units	0.01dB/dB, dBm, μW
Reference Function	Yes
Wave ID Function	Yes, if used with corresponding laser source with Wave ID function
Display	1.44-inch TFT screen, with brightness level control 1~10
Audio Feedback	Yes
Battery Type	AA/LR6 alkaline battery, battery level shown on display
Auto Power Off	Yes, settable 1~10 mins
Size (mm)	195 × 96 × 37
Weight (g)	140



Patent Design for different fibers
No need to change adaptors

