

Audio Fiber Tracer

CFT-800

The **CFT-800**, Audio Fiber Tracer, provides telecommunication engineers and technicians with the easiest way to clearly trace and identify a target optical fiber/cable.

With its unique patented technology, CFT-800 produces audio and visual signals that technicians easily catch when they tap the target fiber/cable. But nevertheless it does not require bending, cutting, freezing or any other actions that can damage the fiber/cable.

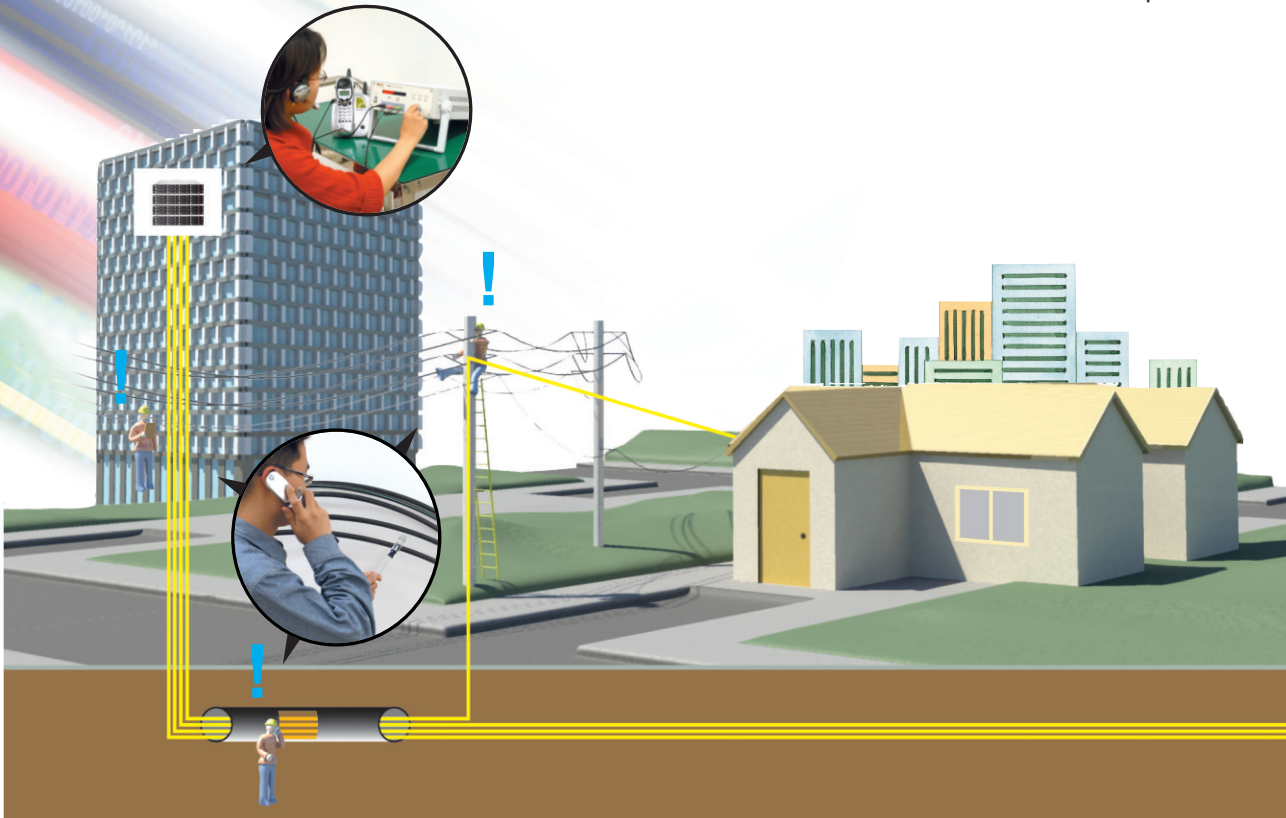
Considering the fast increase in the installation of the 'bend insensitive fiber' that can hardly be identified by OTDRs or visual fault locators, the CFT-800 will be one of the most indispensable tool for the safe and efficient circuit management.

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Key Features

- Fiber tracing & fiber cable identification
- Audio-Visual detection of target fiber/cable
- Singlemode and multimode application
- Traces '**bend insensitive fibers**' where other tools don't function
- Zero dead zone and long distance range (max. 20 km)
- Output power selection (-6dBm & +4 dBm)



Specifications

Optical Specifications

Wavelength Range		1550nm ¹⁾
Output Power	Normal	-6 dBm
	High Power Mode	+4 dBm
Max. Optical Cable Loss (one way)		> 12 dB ²⁾
Optical Connector		FC/APC
Signal Conditioning		Mode 1 : Low noise
		Mode 2 : High sensitivity
Output		Visual : Amplitude of Disturbance (LED Bar)
		Audial : Sound (corresponding to perturbation)

Electric/Physical/Environment Specifications

AC Power Input	100~240 Vac. 50/60 Hz
Power Consumption	< 25 VA
Dimensions (H X W X D)	88 X 225 X 380 mm
Weight	5 kg
Front Display Type	(1 x 30) LED Audio Level Indicator
Operating Temperature	0°C to +45 °C
Storage Temperature	-20 °C to +60 °C

1) Other wavelengths are available.

2) Assuming 4% reflection at cable end.