

Android OTDR

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The U.S. made FTE-1700 Android OTDR is one of the most affordable OTDRs on the market today. This unit is equipped with Bluetooth for use with any compatible Android device operating 2.2 or newer operating system, having Bluetooth capability. This unit is available in 1310/1550nm, 850/1300 dual wave, single wave or quad wavelength configurations. This unit includes a video scope feature for use with the optional VIS-300 video probe, a power meter and stable light source for loss test set and fiber identifier functions.

Operate the OTDR from either the onboard keypad or use your Android phone or tablet. The Android application allows for more mobility, offers a more powerful file management system, Geo-tagging of files, easy file sharing as well as a display limited only by the size of your Android device.

The 1310/1550nm FTE-1700 has a 32/30 dB dynamic range with a 2 meter dead zone. Testing is made simple and fast with the press of the Autotest button. Examine the trace using the straight forward zoom feature and A/B cursor selection button or quickly zero in on events with the powerful event selection feature.

The FTE-1700 OTDR's abundant dynamic range and a 2 meter dead zone, makes it an ideal for links up to 240km as well as being perfect for short LAN links within the facility and FTTA/FTTH applications.

Trace analysis and reporting is fast and easy with the Pass/Fail feature, onboard event table or the supplied CertSoft certification software with multi-trace, macro bend and bi-directional capability. The OTDR has on board storage of 1000 traces with the ability to download traces directly to your computer via USB cable. If you use your android phone or tablet, storage is only limited by your removable drive or cloud storage capabilities.



Operate the
FTE1700 OTDR
with your
Bluetooth Capable
Android device.
Search
"Fiberdroid"
on the Google Play
Store



Features:

- Most Affordable OTDR on the Market
- Free Fiber-Droid Application
- Optional Video Probe (PT#VIS300)
- Live Fiber Detection
- Bluetooth Operation
- Bi-directional Averaging
- Macro Bend Analysis
- Ultra Fast Trace Acquisition
- One Button Testing
- Short Dead Zone
- Event Table with Pass/Fail Analysis
- Trace Comparison with Trace Overlay
- Easy Training with Onboard Help Screens
- CertSoft Certification Software Included
- Onboard Memory for 1000 traces



Made In the USA

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Viper-OTDR Specifications:

Wavelength	850, 1300, 1310, 1550, ±20nm
Dynamic Range	27/26dB MM, 32/30dB SM (FTE-7000-1315E 30dB)
Pulse Width	20 - 10,000 ns
Units of Measurement	km, kf, mi
Event Dead zone	2m
Attenuation Dead Zone	5m
Resolution	0.25 - 64m
Distance Uncertainty	±(0.75m + 0.005% x distance + sampling resolution)
Full Scale Distance Range	1-64km MM, 1-240km SM
Typical Real-time Refresh Rate	4 Hz
Group Index of Refraction (GIR)	1.024 - 2.048
Linearity	± .05 dB/dB
Memory Capacity	1000 traces
Memory Type	Internal
Power Supply / Charger	Universal
Battery	6hr
Storage Temperature	-20 to 60 C
Operating Temperature Range	-10 to 50 C
Dimensions (without rubber boot)	7.62" L x 3.88" W x 1.56" H (194mm L x 99mm W x 40mm H)
Weight	1.6 lbs.
Communications ports	USB/Bluetooth
Connector Styles	FC, ST, SC Interchangeable
Accessories Provided	Universal Power Adapter w/US, UK, CE, and AU Plugs, Interchangeable FC/ST and SC Adapters (Choice of one adapter for Economy units), PM adapters - FC, SC, ST, 1.25 and 2.5mm univ adapters, CertSoft Certification Software, Rubber Boot, USB Cable, Manual on CD

TTI reserves the right to change specifications without notice.

Visible Light Source: Optional

Emitter Type	Laser
Wavelength	650nm ±5nm
Laser Safety Class	Class II/FDA21 CFR1040.10 & 1040.11 IEC 825-1: 1993
Connector Type	2.5mm Universal
Output Power	1mW Max.

Not available on the FTE1700-1315E

Power Meter Specifications: Optional

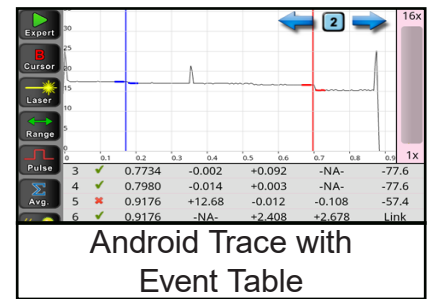
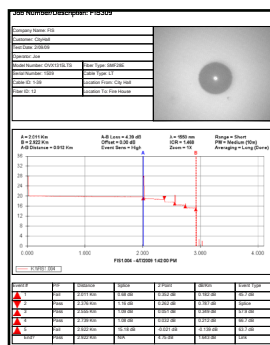
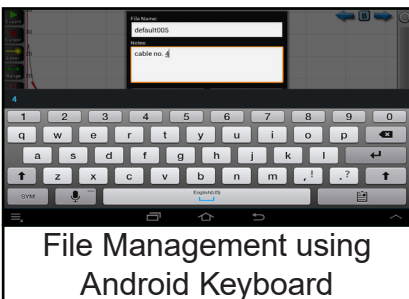
Detector Type	InGaAs
Connector Type	2.5mm Interchangeable
Dynamic Range	+5 to -77dB
Calibrated Wavelengths	850, 1300, 1310, 1490, 1550, 1625nm
Units of Measurement	dBm, dB
Resolution	.01 dB
Power Measurement Uncertainty	± 0.18 dB under reference conditions, ± 0.25 dB from 0 to -65 dBm, ± 0.35 dB from 0 to +5 dBm and from -65 to -77 dBm
Autotest Range	0 to -40dB

Not included on the FTE1700-1315E

Light Source Specifications: Optional

Fiber Type	Single mode
Wavelengths	850, 1300, 1310, 1550, 1625 nm ±20nm
Output Power	0 dBm (-3dBm @ 1625nm)
Laser Safety Classification	Class I Safety Per FDA/CDRH and IEC-825-1 Regulation
Modulation Modes	CW, 270 Hz, 1000 Hz, 2000 Hz

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The FTE-1700 is shipped with CertSoft certification software for easy report generation with loss measurements and connector end face images



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