

Optical Time Domain Reflectometer

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Features:

- Instant On
- 36 dB Dynamic Range
- Short 1 meter Dead Zone
- SM, MM, Tri and Quad Units Available
- Fiber Inspection Video Probe Port
- Visible Fault Locator
- Onboard Memory of ~500 traces
- Auto-Wavelength Power Meter
- Stable Light Source
- Event Table with Pass/Fail Feature
- Context Sensitive Help
- Light Weight Rugged Enclosure
- Telcordia SR4731 Compatible Software
- Long Battery Life
- Full Auto, Construction and Expert Modes

The FTE-7500A Optical Time Domain Reflectometer performs a wide variety of functions as well as being a fast, simple to use OTDR. Its instant on feature, ease of use, rugged housing and affordable price make this the best day to day unit on the market. It is available in 850/1300nm dual multi mode, 1310/1550nm Dual Singlemode, Tri 1310/1550/1625 and 850/1300/1310/1550nm quad wavelength versions. Custom wavelengths may be requested to meet individual needs.

The FTE-7500A has a 36dB dynamic range and a 1 meter dead zone. These specifications, and a full set of operational modes, such as; one button fault finder, construction, real time and full manual, make it perfect for testing and troubleshooting requirements, in LAN networks to Metro networks.

The FTE-7500A OTDR also includes a Visual Fault Locator, AutoTest/AutoWave Power Meter, Stable Light Source and a Video Inspection Scope.

This unit includes all the features expected in today's hand held OTDR; bright 4" color display, immediate start up, USB flash, internal storage, event table with pass/fail threshold setting and onboard context sensitive help which keeps the learning curve as short as possible.

The FTE-7500A weighs in at less than 2.0 pounds and with a hardened water resistant enclosure, this OTDR is great for all working conditions. The rubber boot with bail adds protection and provides the ideal angle for viewing the display while operating on a work bench.

Print professional reports that can include loss tests set measurements and connector end face images with the included "CertSoft" certification software suite.



Made In the USA

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Visible Light Source

Emitter Type	Laser
Wavelength	650nm \pm 5nm
Laser Safety Class	Class IIFDA21 CFR1040.10 &1040.11 IEC 825-1: 1993
Connector Type	2.5mm Universal
Output Power	1mW Max.

Power Meter Specifications

Detector Type	InGaAs
Connector Type	2.5mm Interchangeable
Dynamic Range	+5 to -77dB (CATV - +25 to -57dB)
Calibrated Wavelengths	850,1300,1310,1490,1550,1625nm
Units of Measurement	dBm, dB
Resolution	.01 dB
Power Measurement Uncertainty	\pm 0.18 dB under reference conditions, \pm 0.25 dB from 0 to -65 dBm, \pm 0.35 dB from 0 to +5 dBm and from -65 to -77 dBm
Auto Test Range	0 to -40dB

Light Source Specifications

Fiber Type	Single mode, Multimode
Wavelengths	850, 1300, 1310, 1550, 1625 nm \pm 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

TTI reserves the right to change specifications without notice.

Ordering Information

FTE-7500A-8513	850/1300nm Multimode Dual Wavelength OTDR W/VFL and LTS
FTE-7500A-1315	1310/1550nm Single Mode Dual Wavelength OTDR W/VFL and LTS
FTE-7500A-QUAD	850/1300/1310/1550nm Quad Wavelength OTDR W/VFL and LTS
FTE-7500A-131516	1310/1550/1625nm Triple Wavelength OTDR with Filtered 1625nm Port, VFL and LTS
FTE-SCASE-LG	Soft Case for FTE-7500 and FTE-8000 Series
VP-100	Video Probe for FTE7500 and FTE-8000 Series

For CATV power meter specifications, add "-C" to the end of the part number



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