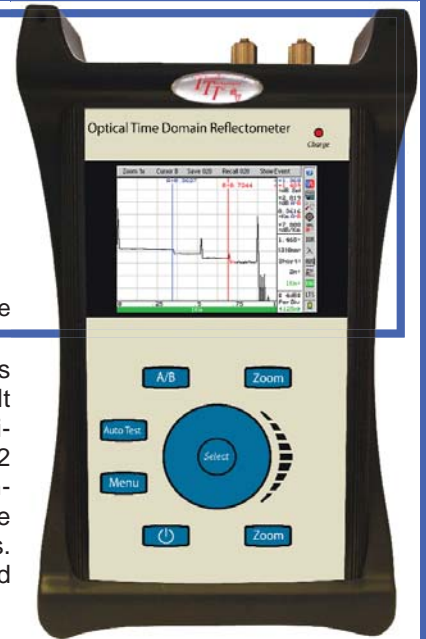


Optical Time Domain Reflectometer

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Features:

- Instant On • Fast Real time • 32 dB Dynamic Range
- Event Table with Pass/Fail Feature • Short Dead Zone
- SM, MM and Quad Units Available • One Button Testing
- Trace Overlay Capability • Onboard Memory for 1000 traces
- Integrated Auto-Wavelength Loss Test Set • Visible Fault Locator
- USB Flash Drive Port and Mini USB Port • On-Screen Tutorials
- Light Weight Rugged Enclosure • Easy To Read Color Display
- Telcordia SR4731 Compatible Software Included • Long Battery Life



The TTI Future Gen OTDR is fast, easy to use, affordable and rugged. This OTDR boasts all the features that are truly needed in a hand-held OTDR. It has a short dead zone, bright 4" color display and with an onboard context sensitive help system the OTDR has a minimal learning curve for all users. The 1/2 second trace updates and great dynamic range make this unit perfect for maintenance and trouble shooting. All these aspects of the Future Gen OTDR are what makes it ideal for every day use in the field on a wide variety of networks. This OTDR can be operated by the novice while at the same time be appreciated by the seasoned user.

The FTE-7500 is sold in a variety of configurations and is standard in dual single mode, dual multimode and quad wavelength configurations. Use the Autotest button for one button testing. Examining the trace is easy using the straight forward zoom feature, A/B cursor selection button and touch-wheel. Move to events easily by pressing the select button while in trace view or with an event highlighted in the Event Analysis screen.

The Future Gen OTDR's abundant dynamic Range and a 2 meter dead zone, makes it ideal for links up to 240km as well as being perfect for short LAN links within the facility. The TTI FTE-7500 weighs in at less then 2.0 pounds with a hardened water resistant enclosure, this OTDR is great for all conditions. The rubber boot with bail will add protection and provides the ideal angle for viewing the display while operating on a work bench.

Trace analysis and reporting is fast and easy with a Pass/Fail feature, onboard event table and the supplied Telcordia SR4731 compatible software with multi-trace capability. The OTDR has on board storage of 1000 traces with the ability to download traces directly to your computer via USB cable or use a USB Flash Drive.

Use the integrated power meter and light source capabilities to accomplish insertion loss test measurements. When paired with our companion power meter or light source the units have auto-wavelength and auto-test capabilities for advanced end to end measurements.

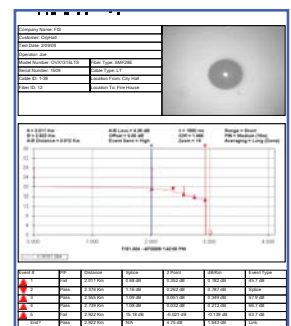
Return	Copy	Rename	Delete	Mark	Dual	Extern
[Free: 1]		013	Default. 013			
001	Default. 001	014	Default. 014			
002	Default. 002	015	Default. 015			
003	Default. 003	016	Default. 016			
004	Default. 004	017	Default. 017			
005	Default. 005	018	Default. 018			
006	Default. 006	019	Default. 019			
007	Default. 007	020	Default. 020			
008	Default. 008	021	Default. 021			
009	Default. 009	022	Default. 022			
010	Default. 010		[Free: 972]			
011	Default. 011					
012	Default. 012					

Timestamp: 01/16/09 09:24

File Management Screen (FMS)

#	P/F	KM	SPLICE	2POINT	DB/KM	TYPE
1	X	0.3648	+1.308	+0.268	+0.809	Splic
2	X	0.5440	+1.366	+0.045	+0.306	-53.9
3	X	0.7278	+1.359	+0.041	+0.271	-62.3
4	X	0.9096	+0.664	-0.088	-0.557	>-21
E	✓	0.9096	-NR-	+4.382	+5.191	Link

Trace Analysis Screen



Printout from Report Software



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Made In the USA

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FTE7500-OTDR Specifications:

Wavelength	850, 1300, 1310, 1550, 1625nm ±20nm
Dynamic Range	27/26dB MM, 32/30dB SM, 30/29/29 TRI
Pulse Width	20 - 10,000 ns
Units of Measurement	km, kf
Event Dead zone	2m
Attenuation Dead Zone	5m
Resolution	.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
Memory Type	Internal and Flash Drive
Power Supply / Charger	Universal
Battery	8hr
Storage Temperature	-20 to 60 C
Operating Temperature Range	-10 to 50 C
Dimensions (w/out rubber boot)	7.75" L x 4.5" W x 2.25" H (197mm L x 114mm W x 57mm H)
Weight	2 lbs
Communications ports	USB and USB Flash Drive Ports
Connector Styles	FC, ST, SC Interchangeable
Accessories Provided	Universal Power Adapter w/US, UK, Continental Europe, and Australian Plugs, Interchangeable FC/ST and SC Adapters, Windows/Telcordia SR4731 Software, Rubber Boot

TTI reserves the right to change specifications without notice.

Visible Light Source

Emitter Type	Laser
Wavelength	650nm ±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
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
Power input Range	+5 to -77dBm
Autotest Range	0 to -40dB

Light Source Specifications

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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