FIS THUNDER BOLT - OTDR

FEATURES

- 36dB Dynamic Range
- Singlemode, Multimode, or Quad Versions Available
- Auto Test Mode
- 6.5" Color LCD Display
- Link Checker
- Real Time Test Mode
- Easy to Navigate File Folders
- 2 USB Ports - USB Drive Data Transfer
- Gigabit Ethernet Verification Testing
- Macro Bend Detection
- Trace Overlay
- On Board Power Meter
- Visual Fault Locator (650nm)
- Project Mode
- Pass/Fall PDF Reporting Software

OPTIONS

- FIS USB Fiber Inspection Probe (F1DI1000)

The FIS Thunderbolt Multi-Function OTDR incorporates a full-featured Optical Time Domain Reflectometer (OTDR) designed for ease-of-use in a wide range of testing applications and environments. The unique, integrated handle on the side of the tester provides the technician with a firm grasp during handling and fiber testing. Rubber corner bumpers protect it from shock.

The Thunderbolt has a intuitive Graphical User Interface (GUI) and large, high-visibility command keys that make it easy to select between optical testing features and parameter settings. The Thunderbolt has the ability to accommodate different connector styles, which provides flexibility when moving from one interconnect location to another (Remember to use an OTDR launch box between the connector under test and the OTDR adapter test port).

The Thunderbolt provides outstanding value in optical testing performance. Additional features include video probe w/endface analysis, visual fault locator, power meter, end-of -fiber test capability and Gigabit ethernet fiber verification testing. The unit can quickly and accurately verify break, fiber end or highly reflective event such as a contaminated (dirty) connector endface. Made In The U.S.A.

SPECIFICATIONS

Wavelength of Operation	850,1300,1310,1550nm
Connector Type (UPC)	Fixed SC, FC, or ST
Dynamic Range	36dB
Loss Modes	2 point, dB/KM
Units of Measure	Km, m, ft, Kft, miles
Pulse Widths	10, 50, 100, 500, 1000, 5000, 10K, 20K ns
Distance Range	0.5Km - 200Km
Dead Zone	≤1 meter
Data Storage	8 Gig
Battery	14.4 v Li Ion
Battery Life	6 Hours
VFL	1 mW 650nm Red Light 2.5mm Univeral
Dimension	7" x 16"
Weight	4.5 lbs

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SPECIFICATIONS - POWER METER

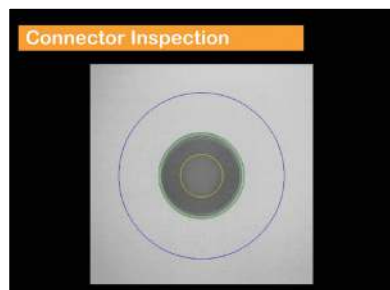|	
Wavelengths	850,1300,1310,1550nm
Range	+5dBm to -65dBm
Port	2.5 Universal

ADDITIONAL FEATURES

End of Fiber Link Checker – A great troubleshooting tool!

Quick and easy with the push of a single button, within 5 seconds the unit will display the distance, Link loss, and average attenuation per KM for any Singlemode cable

Gigabit Analyzer – Quickly verifies a cable for 1 or 10 gig transmission

Identify the fiber type by selecting it in the units pre-configured cable list then select if you want to test for 1 or 10 gigabit network capability. The ThunderBolt will measure the cable's distance, attenuation, and back reflection and compare it to that particular cable's specifications for physically being able to handle those bandwidth requirements. Especially valuable for Multimode testing!

USB inspection probe: (Additional option)

The Fiber Instrument Sales USB inspection probe (P/N: F1-DI1000) is compatible with the ThudnerBolt; just plug the probe into one of the two USB ports on the unit and power it on. The large 7" LCD screen allows for great 400x resolution in verifying connector enfaces are properly cleaned before they are installed.

ORDERING INFORMATION

TB-1315	Dual Singlemode 1310/1550 nm OTDR (SC/UPC style adapters) with Power Meter and VFL
TB-1315E	Dual Singlemode 1310/1550 nm OTDR (SC/UPC style adapters) with out Power Meter and VFL
TB-QUAD	Quad Singlemode/Multimode 850/1300/1310/1550nm OTDR (SC/UPC style adapters) with Power Meter and VFL
TB-QUADE	Quad Singlemode/Multimode 850/1300/1310/1550nm OTDR (SC/UPC style adapters) with out Power Meter and VFL

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