Get more done in less time with fiber on-board.

Record-fast fiber certification
The DTX fiber module accelerates testing through exclusive technology and an easy-to-use interface. Press the Autotest button and you get standards compliant certification automatically – no test, wires, patch, or test points required. And two wavelengths, measure length, and determines the pass or fail status – all in about 12 seconds. The fiber module lets you test store fibers in less time, cutting testing times and freeing you for other tasks. You can easily save more than 180 hours per year.

Test copper and fiber with a touch of a button
Bring the DTX platform’s optional on-board fiber module – no pull you never have time to sacrifice for fiber installation. And fiber certification is always ready when you are. No other solution lets you switch to/from fiber and copper media as quickly and as comprehensively.

Deliver Basic Tier 1 fiber certification
The comprehensive Tier 1 certification solution includes loss, length, and polarity measurements for singlemode and multimode fiber. You can utilize fiber loss performance and installation quality measures to optimize the overall performance of the fiber link by using our powerful and easy-to-use Autotest button. In addition, you can test both fibers at two wavelengths without swapping new and far-end units.

Deliver Extended Tier 2 fiber certification
The DTX Compact OTDR shoots traces to determine the pass or fail status – all in about 12 seconds. Our fiber modules let you measure the loss and reflectivity of connections automatically – test two fibers, each at two wavelengths, measure length, and you get standards compliant certification.

Fast faults faster
The optional DTX Compact OTDR module identifies breaks in the fiber link, connections, and splices and monitors loss. The fiber loss/output enables a comprehensive installation test – no test, wires, patch, or test points required. And the fiber loss/output enables a comprehensive installation test – no test, wires, patch, or test points required.

Deliver Extended Tier 2 fiber certification
The DTX Compact OTDR identifies breaks in the fiber link, connections, and splices and monitors loss. The fiber loss/output enables a comprehensive installation test – no test, wires, patch, or test points required. Our exclusive integrated fault detection enables fiber links to be always on-hand when you need it.

Time is money. DTX saves you both.
The DTX CableAnalyzer Series delivers superior performance that can reduce your total certification costs by as much as 35% per year. This dramatic reduction is the result of not just faster testing, but also improved accuracy, superior diagnosis, target logging (TV, simple error tabulation, and fast setup and sorting). DTX – it’s all about time.

DTX CableAnalyzer Series

Product Comparison

<table>
<thead>
<tr>
<th>Feature</th>
<th>DTX-1800</th>
<th>DTX-1200</th>
<th>DTX-MFM2</th>
<th>DTX-OTDR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cat 6 channel adapter</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
</tr>
<tr>
<td>Cat 6A permanent link adapter</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
</tr>
<tr>
<td>Start autotest at smart remote</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
</tr>
<tr>
<td>Accepts resident fiber module</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
</tr>
<tr>
<td>Cat 6 channel adapter</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
</tr>
<tr>
<td>Cat 6A permanent link adapter</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
</tr>
<tr>
<td>Start autotest at smart remote</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
</tr>
<tr>
<td>Accepts resident fiber module</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
</tr>
</tbody>
</table>

Standard Accessories

- Start autotest at smart remote
- Accepts resident fiber module
- Cat 6 channel adapter
- Cat 6A permanent link adapter
- USB interface
- Serial computer interface cable
- Talk headset
- Coax Cable Test Adapters option
- Patch Cord Test Adapters option
- DTX 10 Gig Kit option
- Fiber Module option
- Fiber Loss/Length Test Module (multimode, singlemode, single-mode) option
- DTX Compact OTDR Module option

Enhance your DTX tester with service, support, and training
Register your DTX and receive a bonus gift. Plus access to our Technical Assistance Center (TAC) and extensive knowledge base for free access. Register today at www.flukenetworks.com/goldsupport. For more information, please contact your local Fluke Networks sales organization near you. You can also sign up for a free half-day workshop covering the latest in testing and standards covers, product demonstration, and hands-on simulation. To find one in your area, go to www.flukenetworks.com/education.

Experience the power of DTX.
We invite you to experience the unique capabilities of our DTX CableAnalyzer by taking a virtual test drive at www.flukenetworks.com/DTXlive. To book a training class, call 1-800-926-7469 and ask for a DTX CableAnalyzer training class. Or visit our website for more information. For a sales organization near you, you can also sign up for a free 90-minute training by talking to your local sales manager, product demonstration, and hands-on simulation. To find one in your area, go to www.flukenetworks.com/education.

The DTX Series from Fluke Networks. The performance packages that significantly reduce total time to certify – today and tomorrow.

DTX CableAnalyzer®

It’s all about time.
The DTX advantage:

The DTX Digital CableAnalyzer Series gives you a complete solution that streamlines every aspect of the certification job – from setup, to fast-first testing and troubleshooting, to reporting results to the customer. DTX delivers like DTX. It’s all productive – and you can see the results on your test cable in as little as four hours a day.

Cat 6 certification in 9 seconds

The DTX-1800 with DTX 10 Gig Kit certifies 10 Gig Performance. From setup to reporting, the DTX-1800 with DTX 10 Gig Kit offers you considerable time and money – up to four hours a day.

Certify to 10 Mbit/s

The DTX-1800 with DTX 10 Gig Kit exceeds the performance for 10-Gigabit Ethernet and Alien Crosstalk (ANEXT and EXNEXT) to 500 MHz.

Certify 10 to 50 Mbit/s Ethernet

Certify 10 to 50 Mbit/s Ethernet over fiber with optional on-board fiber modules and the DTX Compact OTDR, complete fiber certification in one comprehensive test.

Verify network service availability

Verify the services you offer your customers with the DTX CableAnalyzer and Network Service Module (DTX-NSM). Simply plug the DTX-NSM module into the back of the main unit and you’re ready to verify network service availability and link connectivity up to 1 Gigabit Ethernet. Verify if a link is active, identify its data rate, duplex capabilities and whether power is available for PoE. Then document all the network connectivity tests executed as an integrated part of the cable certification documentation provided by Lidcombe.

Test cabling with Midspan PSEs for POE applications

Midspan power sources block power from flowing to the linked network switch or other active equipment in the client’s wiring. This prevents improper links of the link with conventional 802.3af. The DTX Series CableAnalyzer has the capability to test cabling using 802.3at. This unique feature allows full certification to 5 GigE and TIA standards where Midspan Power over Ethernet supplies are used.

Certify patch cord performance

Test patch cords to ensure optimal network performance with greater channel throughput and greater system margins. Attach the optional DTX Patch Cord Adapter (DTX-PCAD) to the DTX main and remote units and you’re ready to certify patch cord performance to TIA Cat 6a specification and ISDN class 3/4.

Cable management solutions

Enjoy the benefits of a visionary approach to testing. The DTX Series isn’t just a faster way of doing something. The DTX Series is a fundamentally different way of doing things – faster, more productive, safer, and more reliable.

The DTX CableAnalyzer: a visionary approach to testing.

High-speed performance

Incredible speed means you can test up to four hours a day.

Connect the job 95% faster with DTX

The DTX Digital CableAnalyzer Series gives you a complete solution that streamlines every aspect of the certification job – from setup, to fast-first testing and troubleshooting, to reporting results to the customer. DTX delivers like DTX. It’s all productive – and you can see the results on your test cable in as little as four hours a day.

Cat 6 certification in 9 seconds

The DTX-1800 with DTX 10 Gig Kit certifies 10 Gig Performance. From setup to reporting, the DTX-1800 with DTX 10 Gig Kit offers you considerable time and money – up to four hours a day.

Certify to 10 Mbit/s

The DTX-1800 with DTX 10 Gig Kit exceeds the performance for 10-Gigabit Ethernet and Alien Crosstalk (ANEXT and EXNEXT) to 500 MHz.

Certify 10 to 50 Mbit/s Ethernet

Certify 10 to 50 Mbit/s Ethernet over fiber with optional on-board fiber modules and the DTX Compact OTDR, complete fiber certification in one comprehensive test.

Verify network service availability

Verify the services you offer your customers with the DTX CableAnalyzer and Network Service Module (DTX-NSM). Simply plug the DTX-NSM module into the back of the main unit and you’re ready to verify network service availability and link connectivity up to 1 Gigabit Ethernet. Verify if a link is active, identify its data rate, duplex capabilities and whether power is available for PoE. Then document all the network connectivity tests executed as an integrated part of the cable certification documentation provided by Lidcombe.

Test cabling with Midspan PSEs for POE applications

Midspan power sources block power from flowing to the linked network switch or other active equipment in the client’s wiring. This prevents improper links of the link with conventional 802.3af. The DTX Series CableAnalyzer has the capability to test cabling using 802.3at. This unique feature allows full certification to 5 GigE and TIA standards where Midspan Power over Ethernet supplies are used.

Certify patch cord performance

Test patch cords to ensure optimal network performance with greater channel throughput and greater system margins. Attach the optional DTX Patch Cord Adapter (DTX-PCAD) to the DTX main and remote units and you’re ready to certify patch cord performance to TIA Cat 6a specification and ISDN class 3/4.

Cable management solutions

Enjoy the benefits of a visionary approach to testing. The DTX Series isn’t just a faster way of doing something. The DTX Series is a fundamentally different way of doing things – faster, more productive, safer, and more reliable.

The DTX CableAnalyzer: a visionary approach to testing.

High-speed performance

Incredible speed means you can test up to four hours a day.

Connect the job 95% faster with DTX

The DTX Digital CableAnalyzer Series gives you a complete solution that streamlines every aspect of the certification job – from setup, to fast-first testing and troubleshooting, to reporting results to the customer. DTX delivers like DTX. It’s all productive – and you can see the results on your test cable in as little as four hours a day.

Cat 6 certification in 9 seconds

The DTX-1800 with DTX 10 Gig Kit certifies 10 Gig Performance. From setup to reporting, the DTX-1800 with DTX 10 Gig Kit offers you considerable time and money – up to four hours a day.

Certify to 10 Mbit/s

The DTX-1800 with DTX 10 Gig Kit exceeds the performance for 10-Gigabit Ethernet and Alien Crosstalk (ANEXT and EXNEXT) to 500 MHz.

Certify 10 to 50 Mbit/s Ethernet

Certify 10 to 50 Mbit/s Ethernet over fiber with optional on-board fiber modules and the DTX Compact OTDR, complete fiber certification in one comprehensive test.

Verify network service availability

Verify the services you offer your customers with the DTX CableAnalyzer and Network Service Module (DTX-NSM). Simply plug the DTX-NSM module into the back of the main unit and you’re ready to verify network service availability and link connectivity up to 1 Gigabit Ethernet. Verify if a link is active, identify its data rate, duplex capabilities and whether power is available for PoE. Then document all the network connectivity tests executed as an integrated part of the cable certification documentation provided by Lidcombe.

Test cabling with Midspan PSEs for POE applications

Midspan power sources block power from flowing to the linked network switch or other active equipment in the client’s wiring. This prevents improper links of the link with conventional 802.3af. The DTX Series CableAnalyzer has the capability to test cabling using 802.3at. This unique feature allows full certification to 5 GigE and TIA standards where Midspan Power over Ethernet supplies are used.

Certify patch cord performance

Test patch cords to ensure optimal network performance with greater channel throughput and greater system margins. Attach the optional DTX Patch Cord Adapter (DTX-PCAD) to the DTX main and remote units and you’re ready to certify patch cord performance to TIA Cat 6a specification and ISDN class 3/4.

Cable management solutions

Enjoy the benefits of a visionary approach to testing. The DTX Series isn’t just a faster way of doing something. The DTX Series is a fundamentally different way of doing things – faster, more productive, safer, and more reliable.

The DTX CableAnalyzer: a visionary approach to testing.

High-speed performance

Incredible speed means you can test up to four hours a day.

Connect the job 95% faster with DTX

The DTX Digital CableAnalyzer Series gives you a complete solution that streamlines every aspect of the certification job – from setup, to fast-first testing and troubleshooting, to reporting results to the customer. DTX delivers like DTX. It’s all productive – and you can see the results on your test cable in as little as four hours a day.

Cat 6 certification in 9 seconds

The DTX-1800 with DTX 10 Gig Kit certifies 10 Gig Performance. From setup to reporting, the DTX-1800 with DTX 10 Gig Kit offers you considerable time and money – up to four hours a day.

Certify to 10 Mbit/s

The DTX-1800 with DTX 10 Gig Kit exceeds the performance for 10-Gigabit Ethernet and Alien Crosstalk (ANEXT and EXNEXT) to 500 MHz.

Certify 10 to 50 Mbit/s Ethernet

Certify 10 to 50 Mbit/s Ethernet over fiber with optional on-board fiber modules and the DTX Compact OTDR, complete fiber certification in one comprehensive test.

Verify network service availability

Verify the services you offer your customers with the DTX CableAnalyzer and Network Service Module (DTX-NSM). Simply plug the DTX-NSM module into the back of the main unit and you’re ready to verify network service availability and link connectivity up to 1 Gigabit Ethernet. Verify if a link is active, identify its data rate, duplex capabilities and whether power is available for PoE. Then document all the network connectivity tests executed as an integrated part of the cable certification documentation provided by Lidcombe.

Test cabling with Midspan PSEs for POE applications

Midspan power sources block power from flowing to the linked network switch or other active equipment in the client’s wiring. This prevents improper links of the link with conventional 802.3af. The DTX Series CableAnalyzer has the capability to test cabling using 802.3at. This unique feature allows full certification to 5 GigE and TIA standards where Midspan Power over Ethernet supplies are used.

Certify patch cord performance

Test patch cords to ensure optimal network performance with greater channel throughput and greater system margins. Attach the optional DTX Patch Cord Adapter (DTX-PCAD) to the DTX main and remote units and you’re ready to certify patch cord performance to TIA Cat 6a specification and ISDN class 3/4.

Cable management solutions

Enjoy the benefits of a visionary approach to testing. The DTX Series isn’t just a faster way of doing something. The DTX Series is a fundamentally different way of doing things – faster, more productive, safer, and more reliable.
The DTX CableAnalyzer: a visionary approach to testing.

Enhance the power of DTX.

Test and certify 10 Gb Ethernet over copper

The DTX 10 Gb over Copper Test Solution enables testing and certification of twisted pair cabling for 10 Gigabit Ethernet deployments -- whether it is a Cat 5 e or Cat 6 cabling scheme. The DTX 10GB-ST, together with the DTX-SCX800 and the new Cat 6A patch cord (DTX-6PCU6CA), is the first final test solution that measures performance for 10 Gb and Allenbrook Cat5e (AWG 23) and Cat6 in full compliance with industry standards.

Test and certify 10 Meg to 10 Gb Ethernet over fiber

With optional on-board fiber modules and the DTX Compact OTDR, complete fiber certification is ready whenever you need it. This certification solution includes loss, sensitivity and link time savings. You can even calibrate fiber link performance and installation quality as well as locate source of loss and excessive losses. Measure optical loss on multiple wavelengths without swapping near and far ends. Pinpoints the location of a fault with just half a hour. The only cable tester that lets you switch between copper and fiber with the touch of a button or perform a comprehensive suite of tests on one platform.

Verify network service availability

Improve the services you offer your customers with the DTX CableAnalyzer and Network Service Solution (DTX-SS). Simply plug the DTX module into the back of the main unit and you are ready to verify network service availability and link connectivity up to 1 Gigabit Ethernet. Verify that a link is active, identify its data rates,duplex capabilities and whether power is available for PoE. Then discover all conditions of the cable certification documentation provided by LinkWare.

Test cabling with Midspan PoE applications

Midspan power solution block power from spanning to the Ethernet network switch or active equipment in the wire closet. This solution provides tests of the link with conventional PoE testing tools. The DTX CableAnalyzer has the capability for PoE testing using 802.3af.

Certify patch cord performance

Test patch cords to ensure optimal network performance with greater channel throughput and greater system margins. Attach the optional DTX Patch Cord Adapters (DTX-PCU6S) to the DTX main and remote units and you’re ready to certify patch cord specifications to EIA TIA-606-A specifications and all TIA Cat 6a cabling schemes.

Test coaxial cable quickly and easily

Certify the capabilities of your DTX CableAnalyzer for test coaxial cabling systems including legacy data cabling (such as TIA-568A or TIA-568B-1) and video distribution coaxial cabling. Test coax cable length, propagation delay, cable (input) impedance and insertion loss as a function of frequency.

The DTX Advantage:

Speed, performance and accuracy.

The DTX CableAnalyzer’s powerful, quick, and intuitive platform makes you more efficient and productive – and you can see the results on the touch interface too. All at once – and so much faster than before.

• Increase productivity from day one.
• Intuitive interface makes it easy to speed test links in training and more time testing.

Get the most

Prepares you
to face and time-saving features increase productivity.

By allowing you to complete your test on the other end of the Link without copper and fiber.

Rugged extended reach to tough field conditions.
The DTX advantage: speed, performance and accuracy. The DTX CableAnalyzer gives you a complete solution that streamlines every aspect of the certification job – from setup, to record-keeping and troubleshooting, to reporting results to the customers. DTX can save you considerable time and money – up to four hours a day.

Cat 6 certification in 9 seconds

The DTX CableAnalyzer and DTX-NSM pair let you perform Cat 6 certification tests in just 9 seconds – in full compliance with industry standards and with superior accuracy. That’s six times faster than existing testers. This tremendous time savings means you can test up to 2000 links in an eight-hour shift.

Troubleshooting faults twice as fast

When a link fails, the DTX Series provides quick failure localization. Intuitive text-based directions guide you to identify the point of failure (distance from the tester) and the possible warranty for the future. These directions not only tell you the problem, but also clearly contain actionable text for your technician to take to solve the quality issue – without having to contact the manager. Instead of spending time executing trial and error corrections – and re-testing to find out why the problem has been resolved – the technician knows exactly where to look and what to do to fix the failing link. Even if only one percent of the fibers are certified in one LinkWare™ CableAnalyzer, you save an average of four hours of labor per day by certifying 2000 links.

Fast even when you’re not testing

The DTX Series isn’t just a faster way to test; it can save you money and time. It’s essential for keeping testing times, extended battery life ensures you can be on a site or in a lab without having a long wait for the battery to charge. The DTX Series offers 12-hour battery life.

Significantly reduces total time to certify.

The DTX Digital CableAnalyzer Series gives you a complete solution that streamlines every aspect of the certification job – from setup, to record-keeping and troubleshooting, to reporting results to the customers. DTX can save you considerable time and money – up to four hours a day.

The DTX-1200 and DTX-1800 perform Cat 6 Category 5e interoperable time testing. The DTX Series CableAnalyzer has the capability to test cabling using AC signals. This unique feature allows full certification to ISO and TIA standards when Midspan Power-over-Ethernet supplies are used. Test cabling with Midspan PSEs for PSE applications. This capability makes the DTX-1200 and DTX-1800 the first field test solution that measures performance for 10 Gig and Alien Crosstalk (ANEXT and AFEXT) in full compliance with industry standards.

Enhance the power of DTX.

Test and certify 10 Gig Ethernet over copper

With optional on-board fiber modules and the DTX Compact OTDR, complete fiber certification is easy whenever you need it. This certification solution includes loss, penalty measurements and fiber loss. You can validate fiber link performance and installation quality as well as locate sources of loss and mismatch. Measure optical loss at multiple wavelengths without swapping test modes and end fibers. Purchase a single DTX Series to identify similar problems in a fiber link. The only cable tester that lets you switch between copper and fiber with the touch of a button or perform a comprehensive suite of tests from one platform.

Verify network service availability

Improve the services you offer your customers with the DTX CableAnalyzer and Network Service Module (DTX-NSM). Simply plug the DTX-NSM module into the back of the main unit and you’re ready to verify network service availability and link connectivity up to 1 Gigabit Ethernet. Verify it is in use, identify its data rate, duplex capabilities and whether power is available for PoE. Then discover all the network equipment in use as a consistent part of the cable certification documentation provided by LinkWare.

Test cabling with Midspan PSEs for PSE applications

Power over Ethernet (PoE) is a power service that enables networking PoE-powered switch systems to switch active equipment in the wire-closet. This provides a passive link to the network without conventional DC power wiring. The DTX Series cable testers have the capability to test cabling using AC signals. This unique feature allows full certification to EIA and TIA standards where Midspan Power-over-Ethernet supplies are used.

Certify patch cord performance

Test patch cords to ensure optimal network performance with greater channel throughput and greater system margins. Attach the optional DTX Patch Cord Adapter (DTX-PAD) to the DTX-1200 main unit and mate it with you’re ready to certify patch cord performance to TIA Cat 5e specifications and EIA class 5/e.

Test coaxial cable quickly and easily

Test coaxial cable with the DTX CableAnalyzer without test coaxial cables or test coaxial cable systems. This allows you to test the connectivity, data rate, and whether PoE is in use with the touch of a button or perform a comprehensive suite of tests from one platform.

The DTX CableAnalyzer: a visionary approach to testing.

Intuitive interface means your techs can spend less time in training and more time testing.

Verify, do it big, big time!

The DTX-1200 and DTX-1800 increase the performance for 10 Gigabit Ethernet and Alien Crosstalk (ANEXT and AFEXT) to the full extent of industry standards.

Summary

The DTX CableAnalyzer and Network Service Module (DTX-NSM) is the first field test solution that measures performance for 10 Gig and Alien Crosstalk (ANEXT and AFEXT) in full compliance with industry standards.

Level 5 Accuracy - Expanded dynamic range for Cat 6 and beyond.

Advanced time-saving diagnostics programmed problem symptoms on this fiber patch cord to help guide the technician.

Field Tough Permanent Link Adapter delivers repeatable accuracy for Cat 6a and beyond.

-a quick way to test. It can stamp and retesting times. Extended battery life ensures you can be on a site or in a lab without having a long wait for the battery to charge. The DTX Series offers 12-hour battery life.

Rugged enhanced metal body to stand up to tough field conditions.

Ongoing sales (in thousands) for the DTX-1200 and DTX-1800 models.

Certify the complete job 100% faster with DTX.

Completely new LinkWare™ CableAnalyzer PC software.

-Portable, lightweight ergonomically designed for easy field use.

Enhance the power of DTX.

Rugged enhanced metal body to stand up to tough field conditions.

Test and certify 10 Gig Ethernet over copper

With optional on-board fiber modules and the DTX Compact OTDR, complete fiber certification is easy whenever you need it. This certification solution includes loss, penalty measurements and fiber loss. You can validate fiber link performance and installation quality as well as locate sources of loss and mismatch. Measure optical loss at multiple wavelengths without swapping test modes and end fibers. Purchase a single DTX Series to identify similar problems in a fiber link. The only cable tester that lets you switch between copper and fiber with the touch of a button or perform a comprehensive suite of tests from one platform.

Verify network service availability

Improve the services you offer your customers with the DTX CableAnalyzer and Network Service Module (DTX-NSM). Simply plug the DTX-NSM module into the back of the main unit and you’re ready to verify network service availability and link connectivity up to 1 Gigabit Ethernet. Verify it is in use, identify its data rate, duplex capabilities and whether power is available for PoE. Then discover all the network equipment in use as a consistent part of the cable certification documentation provided by LinkWare.

Test cabling with Midspan PSEs for PSE applications

Power over Ethernet (PoE) is a power service that enables networking PoE-powered switch systems to switch active equipment in the wire-closet. This provides a passive link to the network without conventional DC power wiring. The DTX Series cable testers have the capability to test cabling using AC signals. This unique feature allows full certification to EIA and TIA standards where Midspan Power-over-Ethernet supplies are used.

Certify patch cord performance

Test patch cords to ensure optimal network performance with greater channel throughput and greater system margins. Attach the optional DTX Patch Cord Adapter (DTX-PAD) to the DTX-1200 main unit and mate it with you’re ready to certify patch cord performance to TIA Cat 5e specifications and EIA class 5/e.

Test coaxial cable quickly and easily

Test coaxial cable with the DTX CableAnalyzer without test coaxial cables or test coaxial cable systems. This allows you to test the connectivity, data rate, and whether PoE is in use with the touch of a button or perform a comprehensive suite of tests from one platform.
Get more done in less time with fiber on-board.

Deliver Basic Tier 1 fiber certification
The comprehensive Tier 1 certification includes loss, length, and polarity measurements for single-mode and multimode fiber. You can utilize fiber link performance and installation quality assurance optical tests at multiple wavelengths. Measure fiber length and verify polarity. And by utilizing both fiber at two wavelengths without swapping new and far-end ports.

Find faults faster
The optional DTX Compact OTDR module identifies breaks in the fiber link, connections or splices with excessive loss. The fiber length/length module as well as the Compact OTDR module offer an integrated visual fault locator (VFL) – a tool that makes troubleshooting simple: simple questions, fast and incredibly easy. The bright laser-driven VFL helps you locate many near-end events and single-fiber links but can be used to verify continuity and polarity. The exclusive integrated design means that the VFL is always on-hand when you need it.

DTX-Compact OTDR module
Includes a 12-hour battery, an optical source/power meter, launch cable, and the OTDR module. 

The versatile DTX Compact OTDR module offers a quick testing, but also improved accuracy, superior diagnostics, and bi-directional testing. It’s all about time.

DTX CableAnalyzer Series

Apply the DTX CableAnalyzer Series solution to your fiber certification needs. It can work for you. This revolutionary platform significantly reduces fiber testing cost by as much as 35% per year. This dramatic reduction is the result of not just faster testing, but also improved accuracy, superior diagnostics, lower battery (12) simple user interface, and fast setup and reporting. DTX CableAnalyzer Series is the testing platform for today – and tomorrow. This revolutionary platform significantly reduces total time to certify by improving every aspect of the testing process. It all starts with a Cat 6 Automated test that’s several times faster than other testers and fiber testing that’s five times faster. DTX also gives you a complete solution for 10Gbase fiber testing over copper, Basic Tier 1 fiber testing, and Extended Tier 2 fiber testing with the industry's only modular DTX. The DTX CableAnalyzer Series significantly reduces your total time to certify.

The DTX-1800 Series
The DTX-1800 Series delivers superior performance that can reduce your total certification costs by as much as 35% per year. This dramatic reduction is the result of not just faster testing, but also improved accuracy, superior diagnostics, lower battery life, simple user interface, and fast setup and reporting. DTX CableAnalyzer Series is the testing platform for today – and tomorrow. This revolutionary platform significantly reduces total time to certify by improving every aspect of the testing process. It all starts with a Cat 6 Automated test that’s several times faster than other testers and fiber testing that’s five times faster. DTX also gives you a complete solution for 10Gbase fiber testing over copper, Basic Tier 1 fiber testing, and Extended Tier 2 fiber testing with the industry’s only modular DTX. The DTX CableAnalyzer significantly reduces your total time to certify.

The DTX-1800 Series delivers superior performance that can reduce your total certification costs by as much as 35% per year. This dramatic reduction is the result of not just faster testing, but also improved accuracy, superior diagnostics, lower battery life, simple user interface, and fast setup and reporting. DTX CableAnalyzer Series is the testing platform for today – and tomorrow. This revolutionary platform significantly reduces total time to certify by improving every aspect of the testing process. It all starts with a Cat 6 Automated test that’s several times faster than other testers and fiber testing that’s five times faster. DTX also gives you a complete solution for 10Gbase fiber testing over copper, Basic Tier 1 fiber testing, and Extended Tier 2 fiber testing with the industry’s only modular DTX. The DTX CableAnalyzer significantly reduces your total time to certify.

The DTX CableAnalyzer Series delivers superior performance that can reduce your total certification costs by as much as 35% per year. This dramatic reduction is the result of not just faster testing, but also improved accuracy, superior diagnostics, lower battery life, simple user interface, and fast setup and reporting. DTX CableAnalyzer Series is the testing platform for today – and tomorrow. This revolutionary platform significantly reduces total time to certify by improving every aspect of the testing process. It all starts with a Cat 6 Automated test that’s several times faster than other testers and fiber testing that’s five times faster. DTX also gives you a complete solution for 10Gbase fiber testing over copper, Basic Tier 1 fiber testing, and Extended Tier 2 fiber testing with the industry’s only modular DTX. The DTX CableAnalyzer significantly reduces your total time to certify.
Get more done in less time with fiber on-board.

Record-fast fiber certification

The DTX Fiber modules accelerate testing through exclusive technology and an easy-to-use interface. Press the Autotest button, and you get standard compliant certification, automatically – no test files, paths to two wavelengths, measure length, and determine the pass or fail status – all in about 30 seconds. The fiber modules let you test your fibers in less time, cutting testing costs and helping you win for other bids. You can easily save more than 180 hours per year.

Test copper and fiber with a touch of a button

Bring the DTX Series’ powerful on-board fiber module to your next site so you’re ready for your fiber install. And fiber certification is always ready when you need it. No other solution lets you switch from copper to fiber certification when you need it. The DTX Series offers you a complete solution for Cat 5, Cat 6, and gigabit multimode (50/125 or gigabit) fiber. You can validate fiber measurements for singlemode and multimode fiber links. With it, you can measure optical loss at multiple wavelengths, measure fiber lengths and verify polarity. Our exclusive integrated visual fault locator (VFL) – a tool that makes troubleshooting simple is problems fast and incredibly easy. The bright beam-driven VFL helps you identify many near-end and far-end events. The DTX Series has exclusive integrated design ensure that the VFL is always on-hand when you need it.

DTX CableAnalyzer® significantly reduces your total time to certify.

The DTX CableAnalyzer series from Fluke Networks is the testing platform for today – and tomorrow. This revolutionary platform significantly reduces total time to certify by improving every aspect of the testing process. It all starts with a Cat 5 Autotest that’s several times faster than other testers – and fiber testing that’s five times faster. DTX also gives you a complete solution for 10 Gigabit testing over copper, Basic Tier 1 fiber testing, and Extended Tier 2 fiber testing with the industry’s only modular OTDR. The DTX Series is ready for whatever the world throws at you – today and tomorrow.

Deliver Basic Tier 1 fiber certification

The comprehensive Tier 1 certification solution includes test length, and polarity measurements for singlemode and multimode fiber. You can validate fiber link performance and installation quality using optical time domain reflectometry to measure loss and reflectivity. The fiber length measured as well as the Compact OTDR module offers an integrated visual fault locator (VFL) – a tool that makes troubleshooting simple is problems fast and incredibly easy. The bright beam-driven VFL helps you identify many near-end and far-end events.

Deliver Extended Tier 2 fiber certification

The DTX Compact OTDR shoots traces to measure the loss and reflectivity of connections, splices and other events on multimode and singlemode fiber links. With it, you can measure high quality workmanship of fiber installations.

Find faults faster

The optional DTX Compact OTDR module identifies breaks in the fiber link, connections you’ve optimized with maximum loss. The fiber length measured as well as the Compact OTDR module offers an integrated visual fault locator (VFL) – a tool that makes troubleshooting simple is problems fast and incredibly easy. The bright beam-driven VFL helps you identify many near-end and far-end events.

Time is money. DTX saves you both.

The DTX CableAnalyzer series delivers superior performance that can reduce your total certification costs by as much as 33% per year. This dramatic reduction is the result of not just faster testing, but also improved accuracy, superior diagnostics, longer battery life, simple user interface, and fast setup and reporting. DTX – it’s all about time.

DTX CableAnalyzer Series

The DTX Series from Fluke Networks is the testing platform for today – and tomorrow. This revolutionary platform significantly reduces total time to certify by improving every aspect of the testing process. It all starts with a Cat 5 Autotest that’s several times faster than other testers – and fiber testing that’s five times faster. DTX also gives you a complete solution for 10 Gigabit testing over copper, Basic Tier 1 fiber testing, and Extended Tier 2 fiber testing with the industry’s only modular OTDR. The DTX Series is ready for whatever the world throws at you – today and tomorrow.

DTX Compact OTDR Module

The optional DTX Compact OTDR module identifies breaks in the fiber link, connections you’ve optimized with maximum loss. The fiber length measured as well as the Compact OTDR module offers an integrated visual fault locator (VFL) – a tool that makes troubleshooting simple is problems fast and incredibly easy. The bright beam-driven VFL helps you identify many near-end and far-end events.

DTX CableAnalyzer Series

The DTX Series from Fluke Networks is the testing platform for today – and tomorrow. This revolutionary platform significantly reduces total time to certify by improving every aspect of the testing process. It all starts with a Cat 5 Autotest that’s several times faster than other testers – and fiber testing that’s five times faster. DTX also gives you a complete solution for 10 Gigabit testing over copper, Basic Tier 1 fiber testing, and Extended Tier 2 fiber testing with the industry’s only modular OTDR. The DTX Series is ready for whatever the world throws at you – today and tomorrow.

DTX CableAnalyzer Series

The DTX Series from Fluke Networks is the testing platform for today – and tomorrow. This revolutionary platform significantly reduces total time to certify by improving every aspect of the testing process. It all starts with a Cat 5 Autotest that’s several times faster than other testers – and fiber testing that’s five times faster. DTX also gives you a complete solution for 10 Gigabit testing over copper, Basic Tier 1 fiber testing, and Extended Tier 2 fiber testing with the industry’s only modular OTDR. The DTX Series is ready for whatever the world throws at you – today and tomorrow.

DTX CableAnalyzer

It’s all about time.
### DTX CableAnalyzer™ Ordering Information

<table>
<thead>
<tr>
<th>Model Name</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTX-1800</td>
<td>DTX-1800 CableAnalyzer – Includes DTX-1800 Main and Smart Remote, LinkWare PC Software, 16MB MMC Card, Cat 6/Class E Permanent Link Adapters (2), Cat 6/Class E Channel Adapters (2), Heads for Talk (2), AC Chargers (2), Carrying Case, USB Interface Cable (Mini-B), Serial RS-232 Cable (IEEE 1394 to DB-9), User Manual</td>
</tr>
<tr>
<td>DTX-1200</td>
<td>DTX-1200 CableAnalyzer – Includes DTX-1200 Main and Smart Remote, LinkWare PC Software, Cat 6/Class E Permanent Link Adapters (2), Cat 6/Class E Channel Adapters (2), Heads for Talk (2), AC Chargers (2), Carrying Case, USB Interface Cable (Mini-B), User Manual</td>
</tr>
<tr>
<td>DTX-LT</td>
<td>DTX-LT CableAnalyzer – Includes DTX-LT Main and Smart Remote, LinkWare PC Software, Cat 6/Class E Permanent Link Adapters (2), Cat 6/Class E Channel Adapter (1), AC Chargers (2), Carrying Case, USB Interface Cable (Mini-B), User Manual</td>
</tr>
<tr>
<td>DTX-MFM</td>
<td>DTX Multimode Fiber Modules – Includes two modules one for Main and one for Smart Remote, 850nm and 1300nm LED sources combined into single output port, 850/1300/1310/1550 nm power meter, and integrated VFL</td>
</tr>
<tr>
<td>DTX-SFM</td>
<td>DTX Singlemode Fiber Modules – Includes a set of two modules for Main and Smart Remote, 1310nm and 1550 nm laser sources combined into single output port, 850/1300/1310/1550 nm power meter and integrated VFL</td>
</tr>
<tr>
<td>DTX-1800-M</td>
<td>DTX-1800 with Multimode Fiber Modules – Includes DTX-1800 CableAnalyzer and a set of DTX-MFM Multimode Fiber Modules</td>
</tr>
<tr>
<td>DTX-1800-MS</td>
<td>DTX-1800 with Multimode and Singlemode Fiber Modules – Includes DTX-1800 CableAnalyzer and set of DTX-MFM Multimode Fiber Modules and DTX-SFM Singlemode Fiber Modules</td>
</tr>
<tr>
<td>DTX-1200-M</td>
<td>DTX-1200 with Multimode Fiber Modules – Includes DTX-1200 CableAnalyzer with set of DTX-MFM Multimode Fiber Modules</td>
</tr>
<tr>
<td>DTX-1200-MS</td>
<td>DTX-1200 with Multimode and Singlemode Fiber Modules – Includes DTX-1200 CableAnalyzer and set of DTX-MFM Multimode Fiber Modules and DTX-SFM Singlemode Fiber Modules</td>
</tr>
<tr>
<td>DTX-1800/SR</td>
<td>DTX-1800 Smart Remote Add-on</td>
</tr>
<tr>
<td>DTX-1200/SR</td>
<td>DTX-1200 Smart Remote Add-on</td>
</tr>
<tr>
<td>DTX-LT/SR</td>
<td>DTX-LT Smart Remote Add-on</td>
</tr>
</tbody>
</table>

### Accessories and Options

<table>
<thead>
<tr>
<th>Model Name</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTX-CHA001</td>
<td>Cat 6/Class E Channel Adapter</td>
</tr>
<tr>
<td>DTX-CHA001S</td>
<td>Cat 6/Class E Channel Adapters, set of 2</td>
</tr>
<tr>
<td>DTX-PLA001</td>
<td>Universal Permanent Link Adapter (1)</td>
</tr>
<tr>
<td>DTX-PLA001S</td>
<td>Universal Permanent Link Adapters (2) with DSP-PM06</td>
</tr>
<tr>
<td>DSP-PMxx</td>
<td>Personality Modules for IDC and Legacy Cabling Systems A wide variety of modules are available for IDC-type connectors and legacy systems</td>
</tr>
<tr>
<td>DTX-CHA011</td>
<td>Siemon Tera Channel Adapter (available Q3 2004)</td>
</tr>
<tr>
<td>DTX-PLA011</td>
<td>Siemon Tera Permanent Link Adapter (available Q3 2004)</td>
</tr>
<tr>
<td>DTX-TERA</td>
<td>Siemon Tera Adapter Kit (available Q3 2004) – Includes Tera Channel Adapters (2) and Tera Permanent Link Adapters (2)</td>
</tr>
<tr>
<td>DTX-CHA012</td>
<td>Nexans GG45 Channel Adapter (available Q4 2004)</td>
</tr>
<tr>
<td>DTX-PLA012</td>
<td>Nexans GG45 Permanent Link Adapter (available Q4 2004)</td>
</tr>
<tr>
<td>DTX-GG45</td>
<td>Nexans GG45 Adapter Kit (available Q4 2004) – Includes GG45 Channel Adapters (2) and GG45 Permanent Link Adapters (2)</td>
</tr>
<tr>
<td>DTX-LION</td>
<td>Lithium Ion Battery Pack</td>
</tr>
<tr>
<td>DTX-SER</td>
<td>Serial RS-232 Cable (IEEE 1394 to DB-9)</td>
</tr>
<tr>
<td>DSP-MCR-U</td>
<td>MultiMedia Card (MMC) Reader, USB</td>
</tr>
<tr>
<td>LinkWare</td>
<td>LinkWare Cable Test Management Software – Free download at <a href="http://www.flukenetworks.com/linkware">www.flukenetworks.com/linkware</a></td>
</tr>
<tr>
<td>LinkWare-Stats</td>
<td>LinkWare Stats Statistical Report Option – Results analysis software option for LinkWare</td>
</tr>
<tr>
<td>DTX-1218E</td>
<td>DTX-1200 Enhancement Kit: Upgrade DTX-1200 to DTX-1800</td>
</tr>
<tr>
<td>DTX-LT18E</td>
<td>DTX-LT Enhancement Kit: Upgrade DTX-LT to DTX-1800</td>
</tr>
<tr>
<td>DTX-LT12E</td>
<td>DTX-LT Enhancement Kit: Upgrade DTX-LT to DTX-1200</td>
</tr>
</tbody>
</table>

### Support Options

<table>
<thead>
<tr>
<th>Model Name</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLD-DTX</td>
<td>DTX Gold Support – Includes no charge repair, Loaner kit, no charge scheduled annual calibration or performance verification, no charge replacement of accessories, no charge software or firmware upgrades, unlimited 7x24 multilingual technical support, unlimited access to KnowledgeBase and on-line training, 20% discount on all in-person or on-site training programs, priority access to the used equipment list, and members only discounts on select products and enhancements</td>
</tr>
<tr>
<td>GLD-DTX-FIBERMOD</td>
<td>DTX Fiber Module Gold Support – As above</td>
</tr>
</tbody>
</table>

1 Available in 120V and International (120-240V) versions. 120V version includes English users manual. International version includes multi-language pack users manual.

2 This includes up to one pair of interface adapters and one pair of personality modules per year.
DTX CableAnalyzer™ Series Specifications

### Cable Types

| Shielded and unshielded twisted pair LAN cabling: (STP, FTP, SSTP, and UTP) | TIA Category 3, 4, 5, 5e, and 6: 100 Ω  
ISO/IEC Class C and D: 100 Ω and 120 Ω  
ISO/IEC Class E, 100 Ω  
ISO/IEC Class F, 100 Ω |
|---|---|

**Note:** For availability of additional adapters that allow testing to other performance standards, different cabling types, or fiber optic cabling, contact Fluke Networks.

### Standard Link Interface Adapters

| Cat 6/Class E permanent link adapters | Plug type: shielded Cat 6 centered 8-pin modular plug (RJ45)  
Plug life: > 5000 insertions  
Tests supported: shielded and unshielded cable, TIA Cat 3, 4, 5, 5e, and 6 and ISO/IEC Class C, D and E permanent link |
| Cat 6/Class E channel adapters | Plug type: shielded 8-pin modular socket (RJ45)  
Plug life: >10,000 insertions  
Tests supported: shielded and unshielded cable, TIA Cat 3, 4, 5, 5e, and 6 and ISO/IEC Class C, D and E channels |

### Test Standards

| TIA | Category 3 and Category 5e per TIA/EIA-568B  
Category 5 (1000BASE-T) per TIA TSB-95  
Category 6 per TIA/EIA-568B.2-1 (Addendum #1 to TIA/EIA-568B.2) |
| ISO/IEC | 11801 Class C, D and E  
11801-2000 Class C, D and E  
11801 Class F (DTX-1800 only) |
| EN | 50173 Class C, D ,E  
50173 Class F (DTX-1800 only) |
| ANSI | TP-PMD |
| IEEE 802.3 | 10BASE-T, 100BASE-TX, 1000BASE-T |
| IEEE 802.5 | (STP cabling, IBM Type 1, 150 Ω) Token Ring, 4 Mbps and 16 Mbps |

### General Specifications

| Speed of Autotest | Full 2-way Autotest of Category 6 Twisted-Pair links: 12 seconds or less  
Full 2-way Autotest of ISO/IEC Class F links: 30 seconds |
| Supported test parameters | Wire Map, Length, Propagation Delay, Delay Skew, DC Loop Resistance, Insertion Loss (Attenuation), Return Loss (RL), RL @ Remote, NEXT, NEXT @ Remote, Attenuation-to-Crosstalk Ratio (ACR), ACR @ Remote, ELFEXT, ELFEXT @ Remote, Power Sum ELFEXT, PSELFEXT @ Remote, Power Sum NEXT, PSNEXT @ Remote, Power Sum ACR, PSACR @ Remote |
| Cable tone generator | Generates tones that can be detected by a tone probe such as a Fluke Networks IntelliTone™ probe. The tones are generated on all pairs. Frequency range of tones: 440 Hz to 831 Hz |
| Display | 3.7 in (9.4 cm) diagonal, 240 dots wide by 320 dots high, passive color, transmissive LCD with backlight. |
| Input protection | Protected against continuous telco voltages and 100 mA over-current. Occasional ISDN over-voltages will not cause damage |
| Case | High impact plastic with shock absorbing overmold |
| Dimensions | Main unit and Smart Remote: 8.5 in x 4.4 in x 2.4 in (21.6 cm x 11.2 cm x 6 cm), nominal |
| Weight | 2.4 lb (1.1 kg), nominal (without adapter or module) |
| Power | Lithium-ion battery pack, 7.4 V, 4000 mAh  
Typical battery life: 12 to 14 hours  
Charge time* (with tester off): 4 hours (below 40° C)  
AC adapter/charger, USA version: Linear power supply: Input 108 V ac to 132 V ac, 60 Hz ; Output 15 V dc, 1.2 A  
AC adapter/charger, international version: Switching power supply; Input 90 V ac to 264 V ac, 47 to 63 Hz; Output 15 V dc, 1.2 A (isolated output)  
Memory backup power in main unit: Lithium battery  
Typical life of lithium battery: 5 years |
| Languages supported | English, French, German, Spanish, Portuguese, Italian, Japanese, and Simplified Chinese |
| Calibration | Service center calibration period is 1 year |

*The battery will not charge at temperatures outside of 0° C to 45° C (32° F to 113° F). The battery charges at a reduced rate between 40° C and 45° C (104° F and 113° F).*
### Environmental Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating temperature</td>
<td>32° F to 104° F (0° C to 45° C)</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>-4° F to +140° F (-20° C to +60° C)</td>
</tr>
<tr>
<td>Operating relative humidity</td>
<td>32° F to 95° F (0° C to 35° C): 0 % to 90 %</td>
</tr>
<tr>
<td></td>
<td>95° F to 113° F (35° C to 45° C): 0 % to 70 %</td>
</tr>
<tr>
<td>Vibration</td>
<td>Random, 2 g, 5 Hz -500 Hz</td>
</tr>
<tr>
<td>Shock</td>
<td>1 m drop test with and without module and adapter attached</td>
</tr>
<tr>
<td>Safety</td>
<td>CSA C22.2 No. 1010.1: 1992</td>
</tr>
<tr>
<td></td>
<td>EN 61010-1 1st Edition + Amendments 1, 2</td>
</tr>
<tr>
<td>Pollution degree</td>
<td>Pollution Degree 2 as defined in IEC 60664 and applied to IEC 60950 ‘Safety of Information Technology Equipment, 1999’</td>
</tr>
<tr>
<td>Altitude</td>
<td>Operating: 4000 m; Storage: 12000 m</td>
</tr>
<tr>
<td>EMC</td>
<td>EN 61326-1</td>
</tr>
</tbody>
</table>

### Performance Specifications**

#### Baseline accuracy

The baseline accuracy of all DTX Series testers meets or exceeds the requirements of Level IV as in draft 2nd Edition of IEC 61935-1 over the frequency range supported by the tester.

#### Category 6/Class E link test modes (and lower link categories)

DTX CableAnalyzer far exceeds Level III requirements of TIA/EIA-568-B.2-2 and IEC 61935-1.

#### Class F link test modes

DTX-1800 is compliant with Level IV requirements as in the draft 2nd edition of IEC 61935-1.

### Length for Twisted Pair Cabling†

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Single-ended Test</th>
<th>Dual-ended Test (Main and Remote)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>800 m (2600 ft)</td>
<td>150 m (490 ft)</td>
</tr>
<tr>
<td>Resolution</td>
<td>0.1 m or 1 ft</td>
<td>0.1 m or 1 ft</td>
</tr>
<tr>
<td>Accuracy</td>
<td>± (.3 m + 2%); for lengths 0 to 150 m</td>
<td>± (.3 m + 2%); for lengths 151 to 800 m</td>
</tr>
</tbody>
</table>

### Propagation Delay

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Single-ended Test</th>
<th>Dual-ended Test (Main and Remote)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>4000 ns</td>
<td>750 ns</td>
</tr>
<tr>
<td>Resolution</td>
<td>1 ns</td>
<td>1 ns</td>
</tr>
<tr>
<td>Accuracy</td>
<td>± (2 ns + 2%); 0 to 750 ns</td>
<td>± (2 ns + 2%); 751 to 4000 ns</td>
</tr>
</tbody>
</table>

### Delay Skew

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Twisted Pair Cabling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>0 ns to 100 ns</td>
</tr>
<tr>
<td>Resolution</td>
<td>1 ns</td>
</tr>
<tr>
<td>Accuracy</td>
<td>± 10 ns</td>
</tr>
</tbody>
</table>

### DC Loop Resistance Test

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Twisted Pair Cabling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>0 Ω to 53 Ω</td>
</tr>
<tr>
<td>Resolution</td>
<td>0.1 Ω</td>
</tr>
<tr>
<td>Accuracy</td>
<td>± (1 Ω + 1%)</td>
</tr>
</tbody>
</table>

#### Overload recovery time

Less than 10 minutes to rated accuracy following over-voltage. Referencing is required after repeated or prolonged over-voltage.

---

** Distributed by: **

** All-Spec Industries **

Wilmington, NC 28401  
Ph: 800-537-0351  
Fx: 800-379-9903  
[www.all-spec.com](http://www.all-spec.com)  
[Sales@all-spec.com](mailto:Sales@all-spec.com)

©2004 Fluke Corporation. All rights reserved.  