

EUROPE'S LARGEST SELECTION OF TEST & MEASUREMENT EQUIPMENT FOR HIRE

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DATA-SHEET



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WHY BUY
WHEN YOU CAN HIRE

DTX Fiber Modules

With today's demands on high-speed data networks containing both fiber optic and twisted-pair cabling, it's more important than ever to certify and document multiple media types to ensure a properly executed installation.

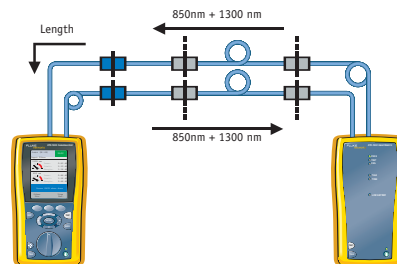
Now you can accurately certify copper and fiber with the new DTX CableAnalyzer™. Only the DTX Series offers optional on-board fiber modules. More convenient and powerful than other fiber optic test solutions, these modules enhance certification and troubleshooting with two-fiber, dual-wavelength testing and an integrated Visual Fault Locator (VFL). And no other solution lets you switch between copper and fiber with a touch of a button. Not only can you certify both media types, but you can do it faster and more efficiently than you ever imagined.

The DTX fiber advantage:

- Fiber on-board when you need it
- Five times faster than existing testers with 12-second Autotest
- Delivers Tier 1 LinkWare fiber certification reports
- Optimized for applications ranging from 10 Mb/s to 10 Gb/s
- Locates fibers, verifies continuity and polarity, and finds breaks with built-in VFL
- Speeds testing with TALK, FINDFIBER, MONITOR, bi-directional and single fiber test features
- Supports multiple SFF (small form factor) fiber connectors

Record-fast fiber certification

We engineered the DTX Fiber Modules to accelerate testing through exclusive technology and an easy-to-use interface. Press the Autotest button and automatically test two fibers, each at two wavelengths, measure length, and determine pass or fail status – all in about 12 seconds. Our fiber modules let you test more fibers in less time, minimizing testing costs and freeing



Unlike competitive fiber adapters which measure length and *two* loss measurements per Autotest, DTX is the only fiber test solution that measures length and *four* loss measurements per Autotest – all in about 12 seconds. With DTX Fiber Modules, you can speed through fiber testing five times faster than the competition.



you up for other tasks. Over time, the savings are substantial – easily more than 100 hours per year.

Test copper and fiber with a touch of a button

Only the DTX platform offers optional on-board fiber modules. Never lose time searching for your fiber adapter. Fiber certification is always resident and ready when you are.

Deliver complete Tier 1 certification




DTX fiber modules provide a complete Tier 1 certification solution – loss, length and polarity. Validate fiber link performance and installation quality. Measure optical loss at multiple wavelengths, measure fiber length and verify polarity. You can bi-directionally test two fibers at two wavelengths with incredible speed without swapping main and remote units, a capability only available from Fluke Networks.

Selected Specifications*

Optical Specifications (23°C)	
Input (Meter) connectors	Removeable adapter on fiber optic power meter (input port). Removable SC adapter standard with product. Optional removable adapters: LC, ST and FC
Output (Source) connectors	Fixed SC adapter
Source type and nominal wavelength	DTX-MFM2: 850 nm LED and 1300 nm LED DTX-GFM2: 850 nm VCSEL and 1310 nm FP laser DTX-SFM2: 1310 nm FP laser and 1550 nm FP laser
Source power	DTX-MFM2: ≥ -20 dBm, DTX-SFM2: ≥ -7 dBm
Length measurement	DTX-MFM2: $\leq 5,000$ m of 62.5 or 50 μ m fiber DTX-GFM2: $\leq 5,000$ m of 62.5 or 50 μ m fiber DTX-SFM2: $\leq 10,000$ m of 9 μ m singlemode fiber
Power meter type	InGaAs detector
Power measurement range	0 to -60 dBm (1310 nm and 1550 nm) 0 to -52 dBm (850 nm)
VFL Specifications (23°C)	
Laser type and nominal wavelength	Class II CDRH, 650 nm
Output modes	Continuous wave and flashing mode
Connector adapter	2.5 mm universal
Environmental Specifications	
Operating temperature	0°C to 40°C
Storage temperature	-20°C to 60°C
Safety	CE, CSA, EN 61010-1
General Specifications	
Dimensions (L x W x D), nominal	4.2" x 3.0" x 1.1" (106 mm x 76 mm x 28 mm)
Weight, nominal	0.31 lb (0.14 kg)

* Visit flukenetworks.com/dtxfm for complete specifications.

Ordering Information

Models	Descriptions
 DTX-MFM2	Set of two DTX Multimode Fiber Modules, each incorporating: <ul style="list-style-type: none"> 850 nm and 1300 nm LED sources combined into a single output port 850/1300/1310/1550 nm power meter Integrated VFL
 DTX-GFM2	Set of two DTX Gigabit Multimode fiber modules, each incorporating: <ul style="list-style-type: none"> 850 nm VCSEL and 1310 nm laser sources combined into a single output port 850/1300/1310/1550 nm power meter Integrated VFL
 DTX-SFM2	Set of two DTX Singlemode Fiber Modules, each incorporating: <ul style="list-style-type: none"> 1310 nm and 1550 nm laser sources combined into a single output port 850/1300/1310/1550 nm power meter Integrated VFL
NFB1/2-LC&ST	Adapter kit - containing all Test Reference Cords to test 62.5 and 50 μ m fiber installations using LC, ST
GLD-DTX-FIBERMOD	DTX Fiber Module Gold Support Gold SuperVision ensures peace-of-mind with free annual calibration, free loaner units, 24/7 TAC, and special discounts on training and promotions.

Certify multimode and singlemode fiber

Your network may contain both multimode or singlemode fiber types. Our LED modules and laser modules ensure standards-compliant certification. Our VCSEL/LD module qualifies the link for 1 or 10 Gigabit Ethernet use. Save, upload, manage and print comprehensive certification reports using Fluke Networks LinkWare™ PC software.

Find faults faster

Use the integrated on-module visual fault locator (VFL) to troubleshoot simple link problems. The bright laser-driven VFL helps you visually locate many near-end fiber faults, and is useful for continuity and polarity verification. Our exclusive integrated design ensures that the VFL is always on-hand when you need it.

Fluke Networks delivers Network SuperVision

Fluke Networks is committed to providing innovative Network SuperVision Solutions™ for testing and certifying copper and fiber cabling systems. Simply add these powerful modules to your DTX CableAnalyzer to certify, troubleshoot and document your fiber installations – today and tomorrow – with one compact field tester.

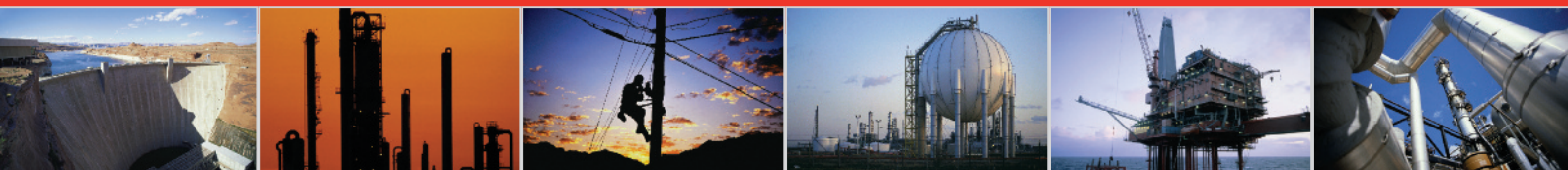
NETWORK SUPERVISION

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Fluke Networks operates in more than 50 countries worldwide. To find your local office contact details, go to www.flukenetworks.com/contact.

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OUR COMMITMENT TO YOU

A wealth of knowledge and experience.

You can take advantage of expert advice to ensure you get the best, most appropriate and cost effective equipment for the job. We supply a wide variety of industries, so if there is another way to do the job or save you time and money we'll pass on the benefit of our experience for free.

Honest advice, just a phone call away.

If we don't have a particular item, rather than hiring you something that won't do the job, we would rather direct you to an alternative supplier. You will always be provided with full instructions and if you still need help, call our technical team on Nationwide Low Call 0333 6000 600. Our aim is to save you time, frustration and money.

Top quality equipment from major manufacturers.

With Inlec you'll get the most accurate, reliable and well-maintained equipment available. Prices are regularly reviewed to ensure you always enjoy the best value for money. We have made a significant investment in test equipment so we ensure that it's well packed to minimise damage and delay.

We really do listen to you.

You won't waste your time contacting Inlec. Every request for equipment is logged and carefully considered. Listening to our customers helps keep our product range up to date and relevant. If you are unhappy about any aspect of our service please let us know so we can put it right.

YOUR 5 WAY GUARANTEE

1 GUARANTEE SAME DAY DESPATCH

We understand why prompt delivery is important to you. So, if we confirm your order before 3pm, you are guaranteed same day despatch.

2 OUR PRICE GUARANTEE

Inlec guarantee you real value for money. Our price match policy is simple - if you can hire the same product for less elsewhere, we guarantee to match that price and reduce it by a further 10% of the difference - and still deliver our industry leading technical and customer support.

For full details check our price-match guarantee online

3 TOP QUALITY GUARANTEED

All equipment is thoroughly checked prior to dispatch to ensure you receive it in full, safe working order. Your shipment will be securely packed and include manufacturer's instructions, accessories or consumables and a valid calibration certificate where appropriate. In addition, Inlec offer a 24 hour replacement service if you decide the equipment is not suitable for your application*.

4 FRIENDLY, KNOWLEDGEABLE ADVICE GUARANTEED

Inlec are happy to provide you with free advice, from an unbeatable team of experienced, knowledgeable and friendly engineers and hire experts.

5 YOUR GUARANTEE OF THE BEST CUSTOMER SERVICE

Throughout your hire we will work hard to ensure you enjoy the very best in support and service from Inlec. We guarantee you won't find better service anywhere in the industry.

*subject to availability and conditions

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