

### The DTX Fiber Advantage:

- Fiber on-board when you need it
- Dual-wavelength testing for 2 fibers in less than 12 seconds
- Encircled Flux Compliant Multimode fiber testing
- Delivers Tier 1 LinkWare fiber certification reports
- Locates fibers, verifies continuity and polarity, and finds breaks with built-in VFL
- Supports SC, LC, FC, ST interchangeable power meter adapters
- Supports one-jumper reference method as preferred by cabling industry

### Deliver Complete Tier 1 (Basic) Certification

DTX fiber modules provide a complete 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.

### Certify Multimode and Singlemode Fiber

Your network may contain both multimode or singlemode fiber types. By combining 2 sets of modules, you can certify any multimode and singlemode fiber at 850, 1300, 1310, and 1550nm. Then save, upload, manage and print comprehensive certification reports using Fluke Networks LinkWare software.

### Encircled Flux Compliant Multimode Fiber Testing

TIA-526-14-B and IEC 61280-1-4 now require tighter launch conditions to reduce measurement uncertainty. With the DTX-EFM2, users who are familiar with the DTX CableAnalyzer can easily make use of these new modules to perform EF compliant testing with no additional training. The DTX-EFM2 with the Encircled Flux Test Reference Cords (EF-TRCs) provide the most efficient and practical EF standards compliant testing solution. These EF-TRCs are individually tuned so that any DTX-EFM2 produces an EF compliant launch at the end of the EF-TRC.

### 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 integrated design ensures that the VFL is always on-hand when you need it.

### You Only Need One Compact Field Tester

Fluke Networks is committed to providing innovative 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.

### Product Photo



### Selected Specifications

#### Optical Specifications (23°C)

Input (Meter) connectors	Removable SC adapter standard with product. Optional interchangeable 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-EFM2: 850 nm LED and 1300 nm LED 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: ≤ 5,000 m of 62.5 or 50 µm fiber DTX-EFM2: ≤ 5,000 m of 62.5 or 50 µm fiber DTX-SFM2: ≤ 10,000 m of 9 µm 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)
Launch condition for DTX-EFM2 with EF-TRC*	Encircled flux compliant to TIA 455-526-14-B, ISO/IEC 14763-3, and IEC 61280-4-1

#### 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)

\*Footnote:

1) At the output of the EF-TRC

2) Variations between EF measurement equipment may occur but EF compliance can be expected with a 95% confidence factor

**Show Me**  
CABLES

an INFINIT® brand

www.showmecables.com

888-519-9505 | sales@showmecables.com

Title

SC/LC Multimode Test Reference  
Cord - 2m- 50um

Part Number

93-100-983

Notes

1. Unless otherwise specified all dimensions are nominal
2. All specifications are subject to change without notice at any time
3. Dimensions are in millimeters