

PRODUCT SOLUTIONS BRIEF
FLUKE NETWORKS

MICRO DATA CENTRE NETWORK MIGRATION



Through our strong global partnerships and alliances with manufacturers such as Fluke Networks, we are able to present you with the following offering to meet your specific data centre requirements.

MultiFiber™ Pro Optical Power Meter and Source

Fluke Networks' MultiFiber Pro Optical Power Meter and Source is the only fibre tester that can certify MPO fibre trunks without the use of fan-out cords. This singlemode (SM) and multimode (MM) MPO fibre testing kit eliminates the complexity of polarity issues, and it makes cassettes easier to test in the field. Whether it is using 10 Gbps preterminated MPO fibre trunks or planning for next-generation 40/100 Gbps Ethernet performance, data centres are standardising on an MPO connector solution.



MultiFiber Pro is the first MPO fibre tester to support both singlemode and multimode MPO fibre certification.

CHALLENGE SOLVERS

- MultiFiber Pro is 90 percent faster than single fibre cable certification because it measures power loss and validates polarity on 12 fibres in a single connector.
- Typical data centre fibre installation means time-consuming, manual and imprecise MPO validation, but MultiFiber reduces test time from weeks to days.
- “Scan All” function automates certification of MPO-terminated fibres and eliminates the time consuming manual process of moving the fibre tester from one fibre to the next while using fan-out cords.
- MultiFiber Pro is equipped with MPO connector on both the optical power meter and light source, which eliminates the use of costly and complicated fan-out cords to test MPO fibres.

THE ANIXTER APPROACH

- **Network flexibility**
Apply designs to accommodate your performance requirements and highly scalable network architecture demands.
- **Cabling topology**
Determine the right choice for your computing requirements with careful consideration for end-of-row (EoR), middle-of-row (MoR), top-of-rack (ToR) or centralised cabling structures.
- **Media selection**
Choose the appropriate cabling media from twisted pair, optical fibre and direct attached to address high-speed bandwidth requirements.
- **Density demands**
Deploy scalable designs that accommodate for uncertain density requirements.

THE FLUKE NETWORKS SOLUTION

MODELS	BUNDLES	ACCESSORIES
Base kit 1310 nm SM kit 550 nm SM kit	MM and 1310 nm SM kit MM and 1550 nm SM kit SM test kit Complete kit	Test reference cords Breakout cords MPO adapters OneClick cleaners

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WHAT WE HEAR

Data centre stakeholders are dealing with a variety of challenges:

- AMORTISATION** of cabling investment
- Infrastructure **COMPLEXITY**
- Restrictions of **LEGACY SYSTEMS**
- SPEED** of deployment
- Pace of **INNOVATION**, adoption

Infrastructure as a Platform
by Anixter

Infrastructure as a Platform by Anixter offers a standards-based, physical layer approach that provides a foundation to meet the high-performance computing demands of your data centre.

CONFIGURE

We help you discover and map your specific needs to the best solution.

- Cabling media type
- Polarity type
- Light source
- Breakout cord

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- CertiFiber® Pro Optical Loss Test Set
- FI-7000 FiberInspector™ Pro
- Fibre optic cleaning kits
- OptiFiber® Pro OTDR

DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labelling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

FLUKE NETWORKS MULTIFIBER PRO FEATURES

- DESIGNED TO SUPPORT A FLEXIBLE NETWORK**
 - Offers more connector verification and troubleshooting flexibility
 - Test individual patch cords, permanent links and channels for correct polarity
 - Users can troubleshoot MPO fibre links and drill down to single fibre test results
 - MultiFiber Pro stores up to 3,000 test results, or the equivalent of 250 MPO cables
- IMPROVE SPEED OF DEPLOYMENT**
 - Loss or power measurement scans and tests in MPO connectors take seconds to complete
 - Eliminates the need for fan-out cords when testing MPO fibre trunks
 - All 12 fibres are displayed with the user interface
 - Test results are easy to interpret with minimal navigation



MultiFiber Pro troubleshoots MPO fibre links and drills down to single fibre test results.

> FOR MORE DETAILS VISIT ANIXTER.COM/SHOPFLUKE/APAC

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At Anixter, we enable the connected world. By building, connecting, protecting and powering valuable assets and critical infrastructures, we help to sustain and grow businesses and communities worldwide. We accomplish this by offering full-line solutions, technical intelligence, supply chain expertise and an unmatched global distribution network.

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