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Fluke Networks Launches CertiFiber Max, Setting a New Benchmark for High-Density Multi-Fiber Testing in Data Centers

New third-generation optical loss test set delivers native MMC and MPO support with fast, accurate certification of up to 24 fibers

Everett, Washington, Jan. 20, 2026 (GLOBE NEWSWIRE) -- Fluke Networks today announced the launch of [CertiFiber™ Max](#), the industry's first third-generation optical loss test set (OLTS) designed to meet the growing demands of high-density data center environments. Built on the trusted Versiv™ platform and integrated with LinkWare™, CertiFiber Max enables technicians to certify up to 24 fibers in under one second.

As fiber density increases and performance margins tighten; driven by AI, cloud, and next-generation digital infrastructure, contractors face mounting pressure to test and certify complex fiber systems quickly and accurately. Many existing tools struggle to keep pace, either limiting fiber counts or relying on fan-out cables and adapters that add time, complexity, and risk of error.

CertiFiber Max addresses these challenges with delivering faster testing, greater accuracy, and long-term flexibility through field-replaceable UniPort™ adapters. These offer native support for 12, 16, and 24 multi-fiber push-ons (MPO) as well as 16 and 24 MMCs (very small form factor multi-fiber connectors), including both pinned and unpinned configurations as data center architectures continue to evolve. UniPort™ adapters connect directly to a wide range of current and emerging connector types, protect tester ports from damage, and enable easy upgrading and replacement in the field extending the tester's lifecycle, maintaining reliability in demanding schedules, and helping contractors avoid costly equipment replacement as fiber counts and standards continue to evolve.

"As AI reshapes data centers and the digital infrastructure they depend on, the margin for error in fiber networks is diminishing," said Vineet Thuvara, Chief Product Officer at Fluke Corporation.

“CertiFiber Max reflects our belief that trust in data center operations starts at the physical layer. Built on the proven Versiv platform trusted by thousands of certified technicians for more than a decade, it delivers native 24-fiber support giving teams the confidence to deploy and certify the high-density networks powering AI and cloud technologies at scale.”

As fiber density grows and performance demands rise contractors must test and certify faster, while anticipating higher density fiber counts and connector types such as MMC. Existing testers often struggle to meet these needs, either limiting the number of fibers supported or adding complexity with fan out cables and adapters. CertiFiber Max addresses these issues directly, giving technicians a tool designed for today’s data center realities and tomorrow’s requirements.

“MMC Connectors have achieved widespread adoption as AI data centers scale at unprecedented rates. Using high-performance TMT (three-row mechanical transfer) ferrule technology, MMC delivers triple the density of MPO connectors and offers mass-insertion solutions that accelerate deployment in today’s high-density networks,” said Charlie Stroup, Applications Engineering Manager at US Conec, a leader in providing passive components for high density optical interconnects. “As MMC deployments continue to expand rapidly, Fluke’s CertiFiber Max plays a critical role in supporting a robust MMC ecosystem, delivering reliable testing for next-generation AI networks.”

Designed for high-efficiency workflows in dense fiber environments, the solution measures loss, length, and polarity across multiple fibers in under a second while ensuring greater accuracy through the standards-recommended and manufacturer-preferred one-jumper reference method. According to David Newman, Manager, Group Products, Data Center Fiber at Panduit, a global leader in data center infrastructure, “Ultra-low loss standards required by AI, along with rising fiber counts and skilled labor shortages, are driving demand for faster, more accurate performance testing across the market.”

For more information on CertiFiber Max, please visit: <https://www.flukenetworks.com/datacom-cabling/fiber-testing/certifiber-max-optical-loss-test-set>.

About Fluke Networks

Fluke Networks is the worldwide leader in certification, troubleshooting, and installation tools for professionals who install and maintain critical network cabling infrastructure. From installing the most advanced data centers to restoring service on the factory floor, our combination of legendary reliability and unmatched performance ensures jobs are done efficiently. The company’s flagship products include the innovative LinkWare™ Live, the world’s leading cloud-connected cable certification solution with over one hundred million results uploaded to date. For more information, call 1-800-283-5853 (US, Canada), 1-425-446-5500 (International) or visit www.flukenetworks.com.

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Attachments

- [CertiFiber Max Sets a New Benchmark for High-Density Multi-Fiber Testing in Data Centers](#)
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