

# Industry Analysis Report 2025 on Multi-Fiber Push On (MPO) and Mechanical Transfer Push-On (MTP) Cabling Assemblies

*The Business Research Company's Multi-Fiber Push On (MPO) and Mechanical Transfer Push-On (MTP) Cabling Assemblies Global Market Report 2025*

LONDON, GREATER LONDON, UNITED KINGDOM, December 15, 2025

[/EINPresswire.com/](https://EINPresswire.com/) -- The multi-fiber push on (MPO) or mechanical transfer

push-on (MTP) cabling assemblies market has experienced remarkable growth recently, driven by the escalating need for efficient data transmission in modern network infrastructures. This market is set to continue its upward trajectory, supported by increasing technological advancements and expanding digital demands across various sectors. Let's explore the market size, growth drivers, major players, and emerging trends shaping this industry.



The Business Research Company's Latest Report Explores Market Driver, Trends, Regional Insights - Market Sizing & Forecasts Through 2034"

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Market Size and Growth Outlook for the Multi-Fiber Push On (MPO) or Mechanical Transfer Push-On (MTP) Cabling Assemblies Market

The market for multi-fiber push on (MPO) or mechanical transfer push-on (MTP) cabling assemblies has seen rapid expansion, growing from \$2.57 billion in 2024 to an anticipated \$2.95 billion in 2025, which corresponds to a compound annual growth rate (CAGR) of 14.7%. Looking

ahead, the market is projected to surge further, reaching \$5.04 billion by 2029 with a CAGR of 14.3%. This progression is largely fueled by the widespread adoption of 400G and 800G data center technologies, the ongoing growth of cloud computing services, the rollout of 5G networks, and the increasing demand for high-density fiber connectivity in hyperscale data centers. Additional growth factors include a greater focus on scalable, energy-efficient networks and the accelerating digital transformation within both enterprise and telecom sectors. The market's evolution also involves innovations such as next-generation high-fiber-count connectors, modular plug-and-play systems, automated fiber testing, bend-insensitive fibers, and AI-

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powered network management solutions.

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### Understanding Multi-Fiber Push On (MPO) or Mechanical Transfer Push-On (MTP) Cabling Assemblies

Multi-fiber push on (MPO) or mechanical transfer push-on (MTP) cabling assemblies are specialized fiber optic cables designed to facilitate high-density, high-speed data transfer. These assemblies integrate multi-fiber connectors that allow multiple optical fibers to be terminated and connected through a single interface, simplifying network setup and upgrades. Their scalable design supports bandwidth-intensive applications, making them ideal for use in data centers and telecommunications environments where performance and efficiency are critical.

### Increasing Need for High-Speed Connectivity Driving Market Expansion

One of the primary factors propelling the growth of the multi-fiber push on (MPO) or mechanical transfer push-on (MTP) cabling assemblies market is the rising demand for high-speed connectivity. Fast and reliable data transmission is essential for seamless access to information, effective communication, and optimized application performance. The surge in data-heavy applications such as cloud computing, video streaming, and Internet of Things (IoT) devices is significantly boosting this demand. For example, in August 2024, a report by Uswitch, a UK comparison company, highlighted that the UK's median internet speed reached 73.21 Mbps in 2024, representing an increase of more than 12% since September 2022. This growing appetite for enhanced connectivity is directly fueling the market's expansion.

View the full multi-fiber push on (mpo) or mechanical transfer push-on (mtp) cabling assemblies market report:

<https://www.thebusinessresearchcompany.com/report/global-multi-fiber-push-on-mpo-or-mechanical-transfer-push-on-mtp-cabling-assemblies-market-report>

### Cloud Computing Adoption as a Catalyst for Market Growth

The expanding adoption of cloud computing services also plays a crucial role in driving the demand for multi-fiber push on (MPO) or mechanical transfer push-on (MTP) cabling assemblies. Cloud computing delivers on-demand access to computing resources such as servers, storage, and applications via the internet. Its scalability allows businesses to adjust resources dynamically while reducing costs and boosting efficiency. MPO/MTP cabling assemblies support the transfer of multiple optical fibers through a single connector, enabling cloud data centers to manage large data volumes more effectively while conserving space and simplifying network management. For instance, Eurostat reported in April 2025 that 45% of European Union businesses used cloud computing services in 2023. The usage was notably higher among large enterprises, with 78% adopting cloud solutions, compared to 44% of small and medium enterprises. This trend highlights how cloud computing adoption is accelerating the market's

growth.

Regional Market Insights with North America Leading and Asia-Pacific Surging

In 2024, North America held the dominant position in the multi-fiber push on (MPO) or mechanical transfer push-on (MTP) cabling assemblies market. However, the Asia-Pacific region is expected to experience the fastest growth rate during the forecast period. The market report covers a broad geographical scope, including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, offering a comprehensive perspective on global market dynamics and regional trends.

For a detailed look at this market, the full multi-fiber push on (MPO) or mechanical transfer push-on (MTP) cabling assemblies market report is available at:

<https://www.thebusinessresearchcompany.com/report/global-multi-fiber-push-on-mpo-or-mechanical-transfer-push-on-mtp-cabling-assemblies-market-report>

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