Better with VIAVI:
Testing Parallel Optics

Testing multiple fibers shouldn't take multiple hours. The VIAVI
MPO test solutions keep it simple and make it fast -- *really* fast

MPO (Multi-fiber Push On) is a connector for ribbon cables. MPO connectors increase your data capacity with a highly efficient use of space. But users have faced challenges such as extra complexities and increased time required for testing and troubleshooting multi-fiber networks.

VIAVI helps overcome these challenges with the industry's most complete portfolio of test solutions for MPO connectivity.

VIAVI addresses the evolution in parallel optics with three solutions:

Inspect

Basic (Tier 1) Testing

Extended (Tier 2) Testing

For further information, visit www.viavisolutions.com/mpo

1 FiberChek Sidewinder

The most critical element to ensuring quality MPO connections is end-face condition. The Sidewinder inspects all the fibers of an MPO connector in a matter of seconds, with just one push of the button. No other user intervention is needed.

2 SmartClass Fiber MPOLx

Measuring length, loss, and polarity for MPO links has been a challenge, especially when adapting existing MPO backbones to new services. The MPOLx delivers comprehensive test results in less than 6 seconds for 12 fiber singlemode or multimode MPO links.

3 OTDR with MPO Switching and Smart Link Mapper (SLM)

OTDR testing of MPO allows for characterization of the link or channel (uniformity of cable attenuation) as well as fault isolation to prevent unnecessary service interruptions. The MPO Switch reduces test time by 50% and automates test workflow, certification, and reporting.

The SLM intelligent optical software application helps technicians use an OTDR more effectively, without the need to understand or interpret OTDR results. Each event is displayed as an icon giving users a schematic view of the entire link, known as Smart Link. When used with the MPO switch, it can integrate test results for multiple cables onto a single report.

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