

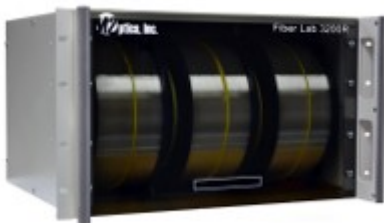


Optical Network Testing & Simulation

M2 Optics specialises in developing and offering customised solutions for optical network simulation, switching, and monitoring applications. Since 2001, many of the world's most recognised communications service providers, equipment manufacturers, government agencies and large enterprises have relied on our equipment for enhancing their operations. Also serving the telecom, cable TV, data centre and universities, our products are found throughout many industries.

With a core team based in Raleigh, NC and support from AVoptics covering the UK and parts of Europe, M2 Optics are able to service and support our customers' efforts in a timely and efficient manner. By focusing on a select number of key application areas and utilising customer insights, we are continuously developing solutions that deliver maximum value to the end user.

Fibre Network & Latency Simulation



Fibre Lab / Packaged Optical Fibres

- All types of standard & specialty optical fibres
- Any custom lengths to 120 km
- Rack-mount and portable enclosures
- Used in leading test labs and advanced networks

All-Optical Switching



SwitchLight / 1xN Optical Switch

- All-optical, single mode and multimode switches
- 1xN switching (up to 1x128 full duplex)
- Dual-function: Networking monitoring & optical multicasting
- Saves rack space and cost Vs traditional switches

Optical Modulation Index (OMI)



FOS 1000A / Optimize Laser Transmitters

- Measures OMI quickly and accurately
- Useful for laser transmitter setup and maintenance
- Improves CATV system performance
- Saves time & money vs traditional approaches

Passive Optical Networking



SplitLight / Optical Splitters & Cables

- Fibre optic splitters and rack chassis (HD and LGX)
- 40/100G MTP cable assemblies
- Standard & armoured patch cords
- Doped fibre optical attenuators

Fibre Network Intrusion Detection Systems



FM100 / Physical Fibre Monitoring System

- Instant alerts of fibre faults & intrusion attempts
- Ensure network integrity and minimise downtime
- Intuitive, web-based remote management

AVoptics are proud to be working with M2 Optics and look forward to working with you to help define your solutions. For more information, please use the contact details below or call our office on +44 (0) 1935 471 606.