Say Goodbye to Digital Sampling Scopes and O-E Converters for Capturing Optical Transients

The Multiple Application Platform (MAP-200) Optical Power Meter Module (mOPM-B1) is a second-generation power meter that brings a range of panel-mount and remote-head configurations to the Viavi Solutions™ MAP-200 platform.

The MAP-200 is the first photonic layer lab and manufacturing platform that is LAN Extensions for Instrumentation (LXI)-compliant, bringing the full power of Ethernet connectivity and easy use of interchangeable virtual instrument (IVI) drivers to the optical test environment. The industry-leading density and configurability of the MAP-200 platform enables test engineers to meet specific application requirements in the smallest possible footprint.

The Optical Power Meter Module extends the optical power measurement capabilities of the MAP-200 by offering three grades of optical performance available in panel-mount or remote-head configurations with 1, 2, or 4 inputs per module.

Benefits
- Measures high-speed optical signal in the optical domain
- Measures up to four independent channels simultaneously
- Users can zoom and pan to show signal details
- Users can set X and Y markers to measure signal strength and time
- Exceeds the capabilities of traditional scopes to show history before the trigger event using pre-trigger points
- Users can set power thresholds for rising or falling edge triggers
- Samples at 4 µs in real time or apply 20 µs averaging to capture transients and sinusoids
OPMscope is a software Super Application for use with mOPM-B1 series.

![Graph 1](image1)

Optical signal sampled at 4 µs

![Graph 2](image2)

Logging on rising edge trigger with pretrigger data points showing switch settling

![Graph 3](image3)

Optical Step Function measurement in MOPM-B1 Gain Stage 1

### Ordering Information

<table>
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<th>Part Number</th>
<th>Description</th>
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<tr>
<td>MSUP-OPMSCOPE</td>
<td>Optical Scope Licensed Super Application for MOPM-B1 Power Meters</td>
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