

FOS 1000A OMI Instrument

Laser Transmitter Optimization



Measures OMI per channel or total

High RF output and low distortion

Integrated variable optical attenuator

Useful for forward and return band

Description:

The FOS 1000A from M2 Optics is a high value, microprocessor controlled optical test system. It is specifically designed to look like the typical wide band optical node widely deployed in today's CATV, CCTV, Multi-channel, or other sophisticated optical telecommunications network.

Unique to the FOS 1000A is its ability to measure the Optical Modular Index (OMI) of an optical carrier in percent (%), per channel, or total. This additional capability makes the FOS 1000A the most efficient and effective tool available for optimizing laser transmitter performance, saving users both significant time and money.

Without this device, users spend as much as an hour performing manual calculations required to set the OMI of a single laser transmitter, while using several pieces of very expensive laboratory-grade equipment. With the FOS 1000A, only this instrument is required and optimal OMI can be achieved in just minutes.

Optional Upgrades:

- Optical sensitivity -8dBm for low power lasers (-3dBm standard)
- Additional calibrated wavelength at 1490nm & 1610nm (1310/1550nm standard)
- Integrated, rechargeable battery pack

Optional Accessories:

- Protective carrying & storage case
- Rugged patch cord set



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