**Insertion Loss & Return Loss Measurement**

**OP930** - Return Loss Measurement

The Insertion Loss and Return Loss on optical components is measured fast and accurately with the TIA approved “no mandrel” method. Neither matching nor core monitor spectrums are required for testing of the cable.

**OP815** - Insertion Loss Measurement

The OP815 offers unparalleled data acquisition speed for multifiber optical power measurement. Configurable with a variety of detectors and source wavelengths, multiple acquisitions can be combined for a higher channel count.

**OP930** - Multichannel Optical Power Meter

The OP930 offers unparalleled data acquisition speed for multifiber optical power measurement. Configurable with a variety of detectors and source wavelengths, multiple acquisitions can be combined for a higher channel count.

**OP930** - Multichannel Source

The OP930 multichannel source can be configured for a mix of up to 24 individual LED or Laser sources. Depending on the application, individual source or a switched solution can be configured.

**OP10** - Multichannel Optical Power Meter

The OP10 offers unparalleled data acquisition speed for multifiber optical power measurement. Configurable with a variety of detectors and source wavelengths, multiple acquisitions can be combined for a higher channel count.

**OP10** - Multichannel Source

The OP10 multichannel source can be configured for a mix of up to 24 individual LED or Laser sources. Depending on the application, individual source or a switched solution can be configured.

**OP815** - Bidirectional Insertion Loss Measurement

With the OP815, optical power meters and a single or dual fiber cable as well as POF. The instrument includes a single efficiently measuring insertion loss on singlemode, multimode measurement.

**OP710** - Multichannel Optical Power Meter

The OP710 offers unparalleled data acquisition speed for multifiber optical power measurement. Configurable with a variety of detectors and source wavelengths, multiple acquisitions can be combined for a higher channel count.

**OP710** - Multichannel Source

The OP710 multichannel source can be configured for a mix of up to 24 individual LED or Laser sources. Depending on the application, individual source or a switched solution can be configured.

**OP750** - Multichannel Optical Power Meter

The OP750 offers unparalleled data acquisition speed for multifiber optical power measurement. Configurable with a variety of detectors and source wavelengths, multiple acquisitions can be combined for a higher channel count.

**OP750** - Multichannel Source

The OP750 multichannel source can be configured for a mix of up to 24 individual LED or Laser sources. Depending on the application, individual source or a switched solution can be configured.

**OP831** - Bidirectional Insertion Loss Measurement

Built upon the proven technology of the OP815 and equipped with a highly repeatable cross connect switch, the OP831 is the ideal solution to measure insertion loss on both ends of singlemode or multimode cables in one measurement.

**OP831** - Optical Power Meter

The OP831 offers unparalleled data acquisition speed for multifiber optical power measurement. Configurable with a variety of detectors and source wavelengths, multiple acquisitions can be combined for a higher channel count.

**OPL-Pro** - Optical Power Meter

This cable test utility automates the Insertion Loss, Return Loss, Optical Power measurement process in manufacturing quality. OPPl-Pro operates with all single channel and bidirectional instruments.

**OPL-Pro** - Programmable Sequences

- Real-time display
- Pass/Fail criteria
- Serial Cable Test
- Bidirectional Testing
- Datalog in Excel format
- User configurable setup
- Auditing trails

**OPL-Max** - Multifiber Test Systems

This application supports multifiber serialized cable testing for Insertion Loss, Return Loss.

- Programmable Sequences
- Checks for Continuity/Crossed Fiber
- Select channel
- Data in Excel format
- Measurement Log for audits

**OP815** - Insertion Loss Measurement

The OP815 offers unparalleled data acquisition speed for multifiber optical power measurement. Configurable with a variety of detectors and source wavelengths, multiple acquisitions can be combined for a higher channel count.

**OP815** - Optical Power Meter

The OP815 offers unparalleled data acquisition speed for multifiber optical power measurement. Configurable with a variety of detectors and source wavelengths, multiple acquisitions can be combined for a higher channel count.

**OP815** - Multichannel Source

The OP815 multichannel source can be configured for a mix of up to 24 individual LED or Laser sources. Depending on the application, individual source or a switched solution can be configured.

**OP815D** - Optical Power Meter

The OP815D offers unparalleled data acquisition speed for multifiber optical power measurement. Configurable with a variety of detectors and source wavelengths, multiple acquisitions can be combined for a higher channel count.

**OP815D** - Multichannel Source

The OP815D multichannel source can be configured for a mix of up to 24 individual LED or Laser sources. Depending on the application, individual source or a switched solution can be configured.

**OP710** - Optical Power Meter

The OP710 offers unparalleled data acquisition speed for multifiber optical power measurement. Configurable with a variety of detectors and source wavelengths, multiple acquisitions can be combined for a higher channel count.

**OP710** - Multichannel Source

The OP710 multichannel source can be configured for a mix of up to 24 individual LED or Laser sources. Depending on the application, individual source or a switched solution can be configured.

**OP750** - Optical Power Meter

The OP750 offers unparalleled data acquisition speed for multifiber optical power measurement. Configurable with a variety of detectors and source wavelengths, multiple acquisitions can be combined for a higher channel count.

**OP750** - Multichannel Source

The OP750 multichannel source can be configured for a mix of up to 24 individual LED or Laser sources. Depending on the application, individual source or a switched solution can be configured.

**OP831** - Optical Power Meter

The OP831 offers unparalleled data acquisition speed for multifiber optical power measurement. Configurable with a variety of detectors and source wavelengths, multiple acquisitions can be combined for a higher channel count.

**OP831** - Multichannel Source

The OP831 multichannel source can be configured for a mix of up to 24 individual LED or Laser sources. Depending on the application, individual source or a switched solution can be configured.

**OP831** - Bidirectional Insertion Loss Measurement

Built upon the proven technology of the OP815 and equipped with a highly repeatable cross connect switch, the OP831 is the ideal solution to measure insertion loss on both ends of singlemode or multimode cables in one measurement.
**Launch Condition Analyzer System**

**Nearfield Analyzer**

The Nearfield (NF) measurement is the optical power density of a source or fiber end on a surface measured at a radial distance. The nearfield measurement can determine the numerical aperture of sources and fibers.

**Farfield Analyzer**

The Farfield (FF) measurement is the optical power density of a source or fiber and on a surface measured at a radial distance. This test solution provides a method for testing a broad variety of passive or active fiber optic components for susceptibility to discontinuities (signal dropout, transient power spikes, and spikes in optic test system that automatically captures, displays graphs illustrating how light exits the fiber. The analyses ensure conformity to industry standards.

**Discontinuity Analyzer**

The OP1100 Discontinuity Analyzer is an off-the-shelf fiber optic test system that automatically captures, displays and logs short optical power interruptions and spikes in accordance with EIA/TIA-FOTP-32A.

**USB Powered Modules**

The USB powered fiber optic modules, optical power meters, laser and LED sources, provide a cost-effective means of delivering light and measuring optical power.

**Remote Head Detectors**

Remote head detectors allow to position the detector to where Insertion Loss needs to be measured. This is specifically a great convenience for cable harnesses.

**Integrating Sphere**

This Smart Dual Port Integrating Sphere benefits quality hybrid cables, bare fiber and ribbon cables.