

OP930

Insertion Loss & Return Loss Meter

Overview

Insertion Loss & Return Loss Meter

Insertion Loss (IL) and Return Loss (RL) on fiber optic components are measured fast and accurately with the **OP930**. The return loss is measured quickly and accurately without the need for mandrel wrapping or the use of index matching gel. The insertion loss is measured by utilizing the stable transmitter in the return loss module as the source in combination with the precision optical power meter.

Like other OptoTest equipment, the **OP930** supports the USB interface. The **OPL Series** of turnkey application software fully integrates this instrument into the data acquisition process of an efficient production line, and writes all the data results to an Excel spreadsheet.



Model OP930 Insertion Loss and Return Loss Meter

Features

Insertion Loss and Return Loss Measurement

- Return loss measurements from 10dB to 80dB on single mode units and from 10dB to 58dB on multimode units
- Fully automated, concurrent measurements of insertion loss and return loss
- Multimode instrument uses LEDs for measuring IL with proper fill conditions to qualify GbE cables (Can be designed to meet encircled flux or other launch conditions such as 70/70)
- Various detector options for simplex, duplex, MTP/MPO multifiber connectors, and others
- Can be controlled remotely via USB using OPL Series software or OptoTest DLLs
- Integrated temperature monitoring
- Convenient benchtop size (19-inch rackmount frame available upon request)
- Quad-wavelength (FTTX) single mode model also available upon request

Source Wavelength

Single mode	Multimode	FTTX (Single mode)
1310/1550	850/1300	1310/1550 1490/1625