

OP930-SW

Insertion Loss & Return Loss Meter

Multifiber / Ribbon Testing

Overview

Insertion Loss & Return Loss Meter

With the **OP930-SW**, insertion loss (IL) and return loss (RL) can be measured on multichannel devices. It is an efficient instrument and will maximize testing throughput without sacrificing accuracy or reliability. The **OP930-SW** can be built in a variety of configurations such as single mode, multimode or FTTX and can have between 4 and 24 source channels with the most common connector types.

Like all other OptoTest equipment, the **OP930-SW** is supported by a USB interface. OPL-MAX, the turnkey application software package, completely integrates this instrument into a production line and allows for customization of test setups to accommodate testing for various types of products.



Model OP930-MM-SW12-8513-R Insertion and Return Loss Test Set with a RIN10 Remote Head Power Meter designed for testing multifiber multimode cables

Features

- Fully automated and concurrent IL and RL measurements at all source wavelengths
- High quality 1310nm/1550nm Fabry-Perot LASERs to provide repeatable and accurate results for single mode fiber
- High quality 850nm/1300nm LEDs for proper fill conditions and stable and accurate results on multimode fiber
- Multimode units can be designed to meet specific launch conditions, such as EF compliance (per IEC 61280-1-4)
- Many common source connector outputs such as FC and SC
- Available in 1310nm/1550nm and 850nm/1300nm dual wavelength configurations as well as the 1310nm/1490nm/1550nm/1625nm FTTX configuration
- Up to 24 channels of switched insertion loss and return loss testing
- On-board optical power meters feature relative accuracy of 0.02dB for loss less than 10dB
- Wide dynamic range on return loss measurements
 - single mode: 10dB to 80dB
 - multimode: 10dB to 58dB
- Can be controlled remotely via USB
- Integrated temperature monitoring
- Convenient 19-inch rackmount frame