

# OP850

## Multichannel Insertion Loss Measurement

### Overview

#### Multichannel Insertion Loss System

The **OP850** offers a very efficient solution for measuring insertion loss (IL) on multiple fiber cables or ribbon cables with MTP or MXC components. Insertion loss (IL) is quickly and accurately measured with the use of continuous wave (CW) sources in both single mode (SM) or multimode (MM) wavelengths combined with a highly repeatable optical switch. The system can be customized with multiple wavelengths and include between 4 and 24 channels.



Model OP850-SM12-R  
12 Channel Insertion Loss System  
Single mode, dual wavelength 1310nm & 1550nm

### Features

- Ideal for MTP/MPO ribbon cables
- Configurable for harsh environment connectors such as 29504 or 38999
- High speed USB Interface for communication
- Cable test software **OPL-MAX** available for writing measurement data directly into a spreadsheet
- Interface to custom applications via DLL
- Fully automated, single wavelength, dual wavelength or quad wavelength insertion loss measurement
- Multimode source with controlled launch condition available for underfill, full-fill or overfill
- Various detector options for single fiber, duplex fiber, or ribbon fiber cables

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