

OP725

Benchtop Optical Switch



PRODUCT OVERVIEW

The OP725 is an optical switch for single mode or multimode applications available in a slim-line, half-rack enclosure. This optical switch is USB powered and incorporates the latest technology in high-speed switching. With high repeatability and low loss, the OP725 is ideally suited for bidirectional testing.

Paired with our OP940 Insertion & Return Loss Meter, operators can make quick work of measuring both ends of cables in a truly bidirectional manner.

KEY FEATURES & BENEFITS

- **Speed**
High-speed USB interface for communication.
- **Bidirectional**
2x2 configuration streamlined for bidirectional testing.
- **Control**
Controlled directly from an OP940 via USB link, or by the computer via software.
- **Customizable**
Interface to custom application via OPL-SDK software.
- **MEMs Technology**
high reliability, long life.
- **USB Powered**
No external power supply needed.
- **Bright OLED**
Channel display.
- **Compact**
Slim-line, fiber optical switch.



Bidirectional Testing

The **OP725** can be connected to the **OP940** via USB to allow control of bidirectional switching via the OP940's front panel controls or in **OPL-PRO** software.

It can also be used in more complex, multi-instrument configurations with other OptoTest instruments (for example, an **OP710**) and **OPL-MAX** / **OPL-LOG** software.

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PRODUCT SPECIFICATIONS

OP725	Single Mode - SW	Multimode - SW
Channel Count	2x2 configuration only	
Internal Fiber	SMF28, 9/125	50/125 OR 62.5/125
Insertion loss	Typical/Max: 1.0dB/1.5dB ⁽¹⁾⁽²⁾⁽³⁾	
Repeatability	± 0.003dB	
Switching Time	10 msec via Software, 300 msec via OP940	
Crosstalk	>60dB	
Optical Interface	FC, SC (other upon request)	
Power	USB (less than 0.1A)	
Dimensions	8.5" x 1.75" x 12"	

- (1) For 1310nm and 1550nm single mode, 850nm and 1300nm multimode.
 (2) Includes connection loss and assumes reference quality connections.
 (3) Multimode loss is specified for EF launch conditions.

Laser Classifications

All **OP940 Insertion Loss and Return Loss Test Sets** utilize a **Class I Laser Source**. Unless otherwise noted, all **OP250**, **OP715**, and **OP750** source units with internal laser sources utilize a **Class I Laser Source**. Unless otherwise noted, all **OP815** and **OP850 Insertion Loss Test Sets** with internal laser sources utilize a **Class I Laser source**. All **OP280 Visual Fault Finder** units utilize a **Class III Laser Source**. *OptoTest strongly suggests that all necessary precautions be taken whenever any Class I or Class III laser source is used.*

Specifications are subject to change, please confirm specific performance characteristics of the product at the time of ordering. All specifications are valid within temperature range of 18°C to 24°C unless otherwise noted. For additional specifications please contact OptoTest.



TECH SUPPORT

Our team of experts is ready to assist you.



ISO CERTIFIED

Our Quality Management System is certified and in compliance with ISO 9001:2015.



WARRANTY

OptoTest offers a three-year warranty on this product.



MADE IN THE USA

We proudly design & manufacture our equipment in California, United States.

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