

OP721

Bidirectional Optical Switch

Overview

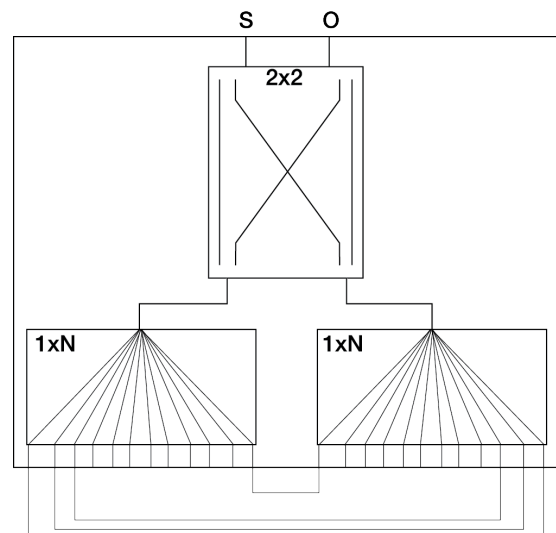
The OP721 is an all-in-one bidirectional optical switch for single mode and multimode applications. This optical switch is powered by an external 5V power supply and incorporates the latest in high-speed switching technology. By combining the high channel count capability of the OP720 with the 2x2 configuration of the OP725, the OP721 is ideally suited for multifiber bidirectional testing.



Model OP721-SM-16 Bidirectional Optical Switch

Features

- All-in-one fiber optic switch
- 2x2 configuration for bidirectional testing
- MEMS technology, high-reliability, long-life
- External 5V power supply
- Bright OLED front panel display
- Software interface via OPL-MAX, OPL-LOG and DLLs
- High-speed USB interface for communication
- Customizable configurations to meet customer needs
- 2U rack mountable enclosure
- Removable front panel for easy access to connectors for repolishing
- Up to 24 channels of bidirectional testing



Internal Switch Diagram

SPECIFICATIONS

OP721	Single Mode	Multimode
Channel Count	4 to 24 output	
Internal Fiber	SMF28, 9/125	50/125 OR 62.5 /125
Insertion Loss	3.0dB Typical, 4dB Max	
Repeatability	± 0.003dB	
Switching Time	1 msec	
Crosstalk	>50dB	
Optical Interface	ST, FC, SC, LC (other upon request)	
Power for channel counts 4 to 24	5V, 1.2 Amps	
Dimensions for channel counts up to 24	19" x 3.8" x 12"	

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.