

32-Pair Optical Switch



Overview

A fast Switching module, available with up to 32 channel configurations and a large selection of operating wavelengths, including 532nm, 630nm, 650nm, 780nm, 850nm, 980nm, 1064nm, 1310nm, 1550nm. Up to 32 port options available. DiCon's Optical Switching System (OSS) is an all-optical non-blocking cross-connect switch. This rack-mount device is designed with DiCon's proprietary 3D MEMS mirror technology and delivers industry-leading optical performance. The unit works without any position sensor or feedback loop, and the DCS-W32-S is an all-optical 32×32 matrix switch designed for high-throughput, low-latency interconnection between multiple input and output fibers. It enables any-to-any connectivity between input and output ports via a transparent optical switch core—transmitting the original light signal without. The MEMS FIBER Optical switches establish optical signal paths passively in milliseconds supporting all data rates, ideally suited to manage and monitor large optical networks intelligently and remotely. The flexible platform supports NxM configurations (N, M=1 to 64).

Article Content

Optical Switches

Optical switches are utilized to disconnect, bypass and reroute fiber optic communications. All of these optical switches are purely optical path, there is no

32 mm Fiber Optic Switches – Mouser

32 mm Fiber Optic Switches are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for 32 mm Fiber Optic Switches.

Rackmount 2x32 Optical Switch

Rackmount 2X32 Fiber Optical Switch, All-pass and Non-blocking configuration has two input fibers and 32 number of output fibers. The switch connects the pair of inputs to a selected any pair of

FEATURES 32X32 MEMS 3D MATRIX OPTIC

FEATURES 32X32 MEMS 3D MATRIX OPTICAL SWITCH DiCon's MEMS 3D Matrix Optical Switch is a proprietary optical switch structure that allows any of the inputs to connect to any of the outputs in a

Low-loss and polarization insensitive 32×4 optical switch ...

In this paper, we propose and demonstrate a 32×4 optical switch using high-index doped silica glass (HDSG) for ROADM applications.

32×32 strictly-non-blocking Si-wire optical switch based on thermo ...

Siphotonics strictly-non-blocking switch fabrics with various topologies were developed so far, where the port count was limited up to 8×8 . In this talk, we introduce a 32×32 path

DCS-W32-S Single-mode Low Loss All-Optical Circuit

It enables any-to-any connectivity between input and output ports via a transparent optical switch core—transmitting the original light signal without optical-to-

MEMS 32X32 OPTICAL SWITCHING SYSTEM

OSS Model, Single Mode Fiber, Quantum Grade DiCon's Optical Switching System (OSS) is an all-optical non-blocking cross-connect switch. This rack-mount device is designed with DiCon's

32X32 Matrix Optical Switch | Xionghua Photonics

Description XH-FSW-32X32 Matrix optical switch is a product that uses optical switches to realize optical path conversion. The device provides serial port RS

PM Fiber Optical Switch Module

A fast Switching module, available with up to 32 channel configurations and a large selection of operating wavelengths, including 532nm, 630nm, 650nm, 780nm, 850nm, 980nm, 1064nm, 1310nm,

1x32 Opto-Mechanical Optical Switch Module

Designed to serve as the switching core of high-capacity packet-switching backbone routers, this module enables optical signal routing by directing one

Polatis Matrix switch 32x32 (I-OST-32x32-CA1-MSANS)

Polatis Matrix Switch 32x32 is an advanced optical switching instrument designed for high-density fiber interconnection and signal routing in telecom, data center,

1x32 1550nm Polarization Maintaining Optical Switch Module

FiberLife's 1x32 1550nm Polarization Maintaining Optical Switch Module is designed for high-performance optical routing applications where preserving the polarization state of light is critical.

MEMS 32X32 OPTICAL SWITCHING SYSTEM

This rack-mount device is designed with DiCon's proprietary 3D MEMS mirror technology and delivers industry-leading optical performance. The unit works without any position sensor or feedback loop,

MLC-1x32

The MLC-1x32 from DiCon Fiberoptics is a Fiber Optic Switch with Insertion Loss 1.2 dB, Operating Temperature -5 to 70 Degree C, Optical Power 500 mW, Polarization Dependent Loss 0.15 dB,

Optical Circuit Switch | iPRONICS | Apr 2025

The switch enables failure-resilient interconnects and programmable Layer 1 topologies and leverages a CMOS-silicon photonics platform. The ONE

32 Duplex Ports | Fiilex LED

The product is compact, silent, consumes less electricity than any traditional optical-electrical-optical (OEO) switch, and has a proven track record of reliability.

iPronics Unveils World's First Silicon Photonics Optical

iPronics, a leader in software-defined photonics, today launched its Optical Networking Engine, ONE-32, the world's first Optical Circuit Switch

MEMS Matrix Fiber Optical Switch

The MEMS FIBER Optical switches establish optical signal paths passively in milliseconds supporting all data rates, ideally suited to manage and monitor

1X32 Optical Switch

1X32 Optical Switches Modules is a kind of functional component, with the ability of switching optical route. The 1X32 Opto-Mechanical Optical Switches consists of 1 input and 32 output fiber ports that

32 Duplex Ports | Fiilex LED

OPTICAL MATRIX SWITCH 32 Duplex Ports Model No: OSS-32MN-LC/UPC* 32 Port Switch (*Other connector options are available.) Fiilex Media Matrix Switch is designed to provide flexible

32x32 Multi Video Format Matrix Switch with HDMI,

This 32x32 multi-video matrix switcher supports different video signals with cross-switching ranging from VGA, DVI, HDMI, SD/HD/3G-SDI, to HDMI over twisted

MEMS 32x32 Rack-mounted Matrix Optical Switch

The matrix provides non-blocking, fully transparent optical switching, making it an ideal solution for telecom, data centers, network security, and lab/production network operators.

Contact Us

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