



Manufacturer of 100G Industrial-Grade Optical Switches

Article Overview

Leading manufacturers of 100G industrial-grade optical switches include Wintop Technologies, ATOP, Topstar, Amphenol, and UnitekFiber, offering high-performance, reliable, and scalable solutions for industrial and data center networks.

Wintop Technologies

Shenzhen Wintop Optical Technology Co., Ltd. specializes in industrial PoE switches, Four-Unified switches, and high-speed optical modules, including 100G switches and fiber optic transceivers. Their products are designed for industrial automation, smart surveillance, and transportation systems, ensuring 24/7 reliable operation and high security. Wintop has a strong presence in international markets and participates in global exhibitions, demonstrating their industrial-grade network solutions .

ATOP Technology

ATOP manufactures 100G-400G optical transceivers and high-speed copper interconnects, optimized for reliability, compatibility, and scale. Their factory-direct approach ensures traceability, consistent performance, and long-term deployment stability, making them suitable for AI fabrics, hyperscale networks, and industrial applications. ATOP's production facilities in China and Malaysia support high-volume, high-consistency manufacturing .

Topstar Technology

Topstar produces a wide range of optical modules, including 100G QSFP28 and CFP series, with a focus on OEM/ODM customization. Their industrial-grade optical transceivers are built in a dust-free workshop and undergo rigorous testing to ensure high reliability and compatibility for global deployments .

Amphenol

Amphenol offers 100G QSFP28 optical modules compliant with IEEE and SFF standards, including SR4, LR4, ER4, and ZR4 series. These modules are suitable for data center interconnections, metropolitan area networks, and industrial environments, providing low power consumption and compact form factors .

UnitekFiber

UnitekFiber provides a comprehensive portfolio of 100G QSFP28 transceivers and related high-speed optical modules. Their products are designed for low latency, high reliability, and multi-vendor interoperability,



Manufacturer of 100G Industrial-Grade Optical Switches

making them ideal for industrial networks, hyperscale data centers, and AI computing clusters. They also offer DAC and AOC cables to complement 100G deployments .

Summary

For industrial-grade 100G optical switches and transceivers, Wintop Technologies is a primary choice for industrial automation and PoE networks, while ATOP, Topstar, Amphenol, and UnitekFiber provide high-performance optical modules suitable for both industrial and data center applications. These manufacturers offer factory-tested, scalable, and reliable solutions to meet the demands of modern high-speed networks.

With the Profi Line 10G Ruggedized Switch MICROSENS heralds the 10G era in the field of industrial switches. With its 28 ports (4x

Unmanaged Industrial Ethernet Switches Compact DIN Rail Switches Industrial-grade Unmanaged Switches are "plug & play"

A network switch (or Ethernet switch) is a communication device that is used to distribute data over cable networks. It usually comes

This section provides an overview for optical switches as well as their applications and principles. Also, please take a look at the list

Discover 138 Fiber Optic Switches manufacturers and distributors on GlobalSpec. Find products, technical articles, videos, and more.

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data

This section provides an overview for industrial ethernet switches as well as their applications and principles. Also, please take a look

FS S Series and N Series 100G switches are ideal for high-density network performance, such as hyperscale data

The DIS-100G-10 is an industrial unmanaged switch equipped with eight 1G ports

Find your optical switch easily amongst the 19 products from the leading brands (Lumibird, Liebherr,



Manufacturer of 100G Industrial-Grade Optical Switches

WEINERT Industries offers everything related to topic Optical switches. Benefit from our know-how of

FS 100G Switches offer high programmability and scalability, designed for large enterprises and hyper

Modern data centers rely on high-speed optical links, and 100G optical transceiver modules (especially the QSFP28 form factor) are

Fiber optical switches from WEINERT are based on a micro-mechanical/micro-optical design featuring high

Our Industrial Ethernet Switch portfolio comprises Managed and Unmanaged Switches with Gigabit, PoE,

The Arista 7060X and 7260X Series switches are the industry's first fixed configuration switches with high density 100G with support

Web: <https://morwarreconst.co.za>

