

Ring Network Industrial Switch Brands



Article Overview

Leading brands for ring network industrial switches include Cisco, ORing, PLANET, Winmate, and PROmesh, offering managed and unmanaged solutions for harsh industrial environments.

Overview of Ring Network Industrial Switches

Ring network industrial switches are designed to provide redundant network paths in industrial Ethernet environments, ensuring minimal downtime in case of a link failure. These switches often support MRP (Media Redundancy Protocol) or similar ring protocols, and are built to withstand extreme temperatures, vibration, and electrical noise common in industrial settings .

Key Brands and Offerings

- Cisco: Offers a wide range of industrial Ethernet switches with high-speed 10-GE uplinks, PoE options, and advanced resiliency protocols. Cisco switches are suitable for industrial AI, automation, and extreme environments, with IP67-rated compact models for space-constrained locations .
- ORing: Provides rugged unmanaged and managed Layer 2/3 switches, including PoE models. ORing switches are designed for vertical markets like transportation, manufacturing, and energy, supporting M12 connectors and EN50155 compliance for rail applications .
- PLANET: Known for modular industrial switches like the IMS-6325-5 L3 DIN-rail series, offering flexibility with interchangeable modules and high-performance capabilities suitable for ring topologies

Article Content

Aug 01, 2025

Advantech EKI managed and unmanaged industrial switches provide ...

Industrial Ethernet Switch Advantech EKI managed and unmanaged industrial switches provide simplicity, flexibility and security for

Nov 28, 2025

Industrial network switch

A network switch (or Ethernet switch) is a communication device that is used to distribute data over cable

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Global Industrial Ring Switch Market 2025 by Manufacturers, Regions ...

Chapter 2, to profile the top manufacturers of Industrial Ring Switch, with price, sales quantity, revenue, and global market share of

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Ring switch

Find your ring switch easily amongst the 9 products from the leading brands (LIMING, AMOT, Top ozono,

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IES-3240

Description The IES-3240 is a managed Redundant Ring Ethernet switch with 24x10/100Base-T (X) ports. It fully supports Ethernet

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Redundant Ring Technology for Industrial Ethernet Applications

Moxa manufactures one of the world's leading brands of device networking solutions. Products include industrial embedded

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Industrial Switch: Understanding Industrial Ethernet Switch ...

An industrial Ethernet switch is a type of network switch designed to operate in harsh industrial environments. Oil rigs, railways,

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19 Industrial Ethernet Switch Manufacturers in 2026 | Metoree

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

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Ethernet Switches

Our comprehensive portfolio includes unmanaged switches, managed switches, PoE switches, rackmount switches, and EN 50155

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Real-time Redundant Ring Switch Industrial Ethernet Switch

Introduction The Real-time Redundant Ring Switch offers fault-tolerant industrial Ethernet with ring network topology. The built-in ICP

Dec 20, 2025

Industrial Lan switch how to group ring network

September 19, 2024 Industrial Lan switch how to group ring network In the industrial Internet of Things, the Industrial Lan Switch

Mar 18, 2026

List of networking hardware manufacturers

Networking hardware typically refers to equipment facilitating the use of a computer network. Typically, this includes routers,

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X-Ring Plus Ethernet Industrial Ring Technology

X-Ring Plus resilient ring technology is provided with network operating system 2.0 & is an enhanced version of Case

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Home-North America

Full-Gigabit Industrial Ethernet Switches with 10G Uplink Designed to accommodate diverse networking needs, the switches offer a

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Industrial Ethernet Switches | Supplier | Maisvch

Maisvch is a leading industrial network switch supplier in China, offering managed switches, unmanaged

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Industrial Ethernet Switches | Industrial Network Switch | Perle

Industrial-grade Ethernet Switches are specifically designed to connect devices in network environments that are subject to extreme

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Industrial Ethernet Switch

Our range includes unmanaged, PoE, Lite-Managed, and Layer 2/3 managed switches that help support secure communication,

Nov 24, 2025

Industrial Ethernet Switches – Cost-Effective, Redundant Network ...

The individually configurable industrial switches reliably network all ETHERNET devices and ensure continuous access to your

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All Brands | Industrial Networking Solutions

Find trusted industrial networking manufacturers for switches, routers, wireless, and OT networking solutions in one place.

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Industrial Ethernet Switches

Built for diverse industrial applications, these switches feature all-gigabit, high-density, all-copper or mixed copper and fiber ports,

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Industrial Ethernet Switches | Phoenix Contact

Our Industrial Ethernet Switch portfolio comprises Managed and Unmanaged Switches with Gigabit, PoE, IEC 61850 certification,

Dec 06, 2025

Network Switches Overview, Solutions, Brands and Products

High-quality Brand Switches to Meet Your Needs. Cisco Switches Cisco Switches provide Campus LAN Switches, Industrial Ethernet

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Network switch, Ethernet switch

Find your network switch easily amongst the 1,500 products from the leading brands (Advantech, Kontron, ERA-SIB, ...) on

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Top Industrial Network Switch For Smart Automation in 2025

An Industrial Network Switch ensures reliable, scalable, and secure data communication in harsh environments, vital for industrial

Jul 06, 2026

IMS-6325-5

Industrial-grade Modular Switch for Versatile and Demanding Networks PLANET IMS-6325-5 L3 DIN-rail Industrial Modular Ethernet

Dec 02, 2025

Perle P-Ring Protocol | Industrial Managed Switches

Perle P-Ring Protocol Preventing a switch loop scenario and enabling communication if a failure occurs in the ring The Ring

Jul 17, 2026

Proprietary Ring Topologies in Automation Networks | DigiKey

In fact, select manufacturers claim much better recovery times for their proprietary ring networks sometimes to

Feb 20, 2026

Industrial Switch: Advantages and Different Types

An industrial switch refers to a networking device that is specifically designed to operate in harsh industrial

Oct 06, 2025

Industrial Automation Ring Network Solution

Industrial Automation Ring Network Solution Increase efficiency and ensure network flexibility, performance, security, and resiliency

Mar 28, 2026

Building Fault-Tolerant Industrial Ring Networks with Ethernet Ring ...

Industrial Ethernet switches are critical components in network infrastructures, often used in harsh environments and mission-critical

Contact Us

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