

RIVO MULTITRADE OPTICAL SYSTEMS

Where to buy a passive optical network PON



Overview

The Cisco Routed PON solution converges all of your broadband, wireless, and business services on the same network backbone.

Key Takeaways

PON equipment can be purchased from major networking vendors, specialized distributors, and online marketplaces that supply Optical Line Terminals (OLTs), optical splitters, and related components. Major Vendors

Several leading networking companies provide PON solutions suitable for residential, enterprise, and campus deployments:

- HPE/Juniper Networking: Offers Unified PON systems including 10G XGS-PON and 10G EPON OLTs, supported by PON Manager and Junos OS for network management .
- Cisco: Supplies PON solutions for broadband and enterprise networks, including GPON and XGS-PON systems, with integrated management and monitoring tools .
- Huawei, ZTE, and Nokia: These vendors provide a wide range of PON equipment, including OLTs, ONTs (Optical Network Terminals), and splitters for large-scale FTTH deployments.

Specialized Distributors

- Graybar, Anixter, and CablesAndKits: Distribute PON components such as optical splitters, fiber patch panels, and OLTs for service providers and enterprise networks.

- PPC Online: Offers PON hardware and educational resources for network deployment .

Online Marketplaces

- Amazon Business, Alibaba, and Newegg Business: Provide smaller-scale PON equipment, including OLTs, ONTs, and fiber splitters suitable for testing, lab setups, or small deployments.

- eBay: Can be used to source refurbished or surplus PON equipment from reputable sellers.

Considerations When Purchasing

- Compatibility: Ensure the OLT and ONT devices support the same PON standard (GPON, XGS-PON, or EPON) to avoid interoperability issues .
- Scalability: Choose systems that can support the number of subscribers or endpoints required, as PON splitters can serve multiple users from a single fiber .
- Support and Warranty: Purchasing from established vendors ensures access to technical support, firmware updates, and warranty coverage. By sourcing from these vendors and distributors, you can acquire reliable PON equipment for high-speed fiber-optic networks, whether for residential FTTH, enterprise LANs, or smart-building deployments .

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Passive Optical Network Market

The Passive Optical Network Equipment Market Report is Segmented by Structure (Ethernet PON Equipment, Gigabit

Cisco Routed PON Solution

Build your network to be ready for 10G, 25G, 50G, 100G, and 200G PON and beyond. As new Cisco pluggable OLTs become

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