

India Fiber Optic Enterprise Router LPO



Overview

Explore TP-Link's selection of fiber-compatible routers with gigabit ports and dual-band technology.

Key Takeaways

Enterprise-grade fiber optic routers in India are available from providers like VSOL, Jio, Airtel, and ACT Fibernet, and can be procured via a Local Purchase Order (LPO) for business deployment. Enterprise Fiber Optic Routers in India

VSOL offers a range of high-performance routers and CPE devices suitable for enterprise fiber networks, including GPON/EPON OLTs, ONUs/ONTs, and 4G/5G CPEs. These devices support high-speed broadband, multiple device connectivity, and future network expansion, making them ideal for office or campus deployments (VSOL) . Jio High Speed Internet (HSI) provides enterprise fiber connectivity with symmetric speeds up to 1 Gbps, dual-band Wi-Fi, public static IPv4, and cloud-managed digital portals for remote network management, suitable for offices requiring high reliability and bandwidth-intensive applications (Jio) . Airtel offers fiber leased lines with dedicated symmetric bandwidth, low latency, and speeds ranging from 1 Mbps to 10 Gbps. Their enterprise routers support Ethernet and Wi-Fi connectivity, ensuring secure and uninterrupted communication for businesses (Airtel) . ACT Fibernet Enterprise provides customized internet plans and enterprise routers for businesses, enabling scalable digital ecosystems with dedicated support and flexible deployment options (ACT Fibernet) .

Procurement via Local Purchase Order (LPO)

A Local Purchase Order (LPO) is a formal document issued by a business to a supplier to procure goods or services. For enterprise fiber routers in India:

- **Identify the Vendor:** Choose a provider such as VSOL, Jio, Airtel, or ACT Fibernet based on technical requirements, coverage, and support.
- **Request a Quotation:** Contact the vendor to obtain a detailed quotation including router models, specifications, installation, and service charges.
- **Issue LPO:** The business issues an LPO referencing the quotation, specifying quantities, delivery timelines, and payment terms.
- **Vendor Confirmation:** The supplier acknowledges the LPO and schedules delivery and installation.
- **Delivery and Installation:** Routers are delivered and configured according to enterprise network requirements.

Regulatory Considerations

Deploying fiber networks in India requires compliance with Right-of-Way (RoW) rules and licensing regulations. Telecom operators and infrastructure providers must obtain permissions through the Gati Shakti Sanchar Portal, which streamlines RoW applications for laying optical fiber cables (DoT). Foreign investment in fiber operators is allowed up to 100%, subject to government approval if the investor is from a restricted country.

Summary

Businesses in India can procure enterprise fiber optic routers from leading providers like VSOL, Jio, Airtel, and ACT Fibernet. The LPO process formalizes procurement, while compliance with RoW and licensing regulations ensures smooth deployment. Selecting the right router depends on bandwidth needs, network scale, and future expansion plans.

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