

1.25Gbps Ethernet over Fibre Extender



The 1.25Gbps Ethernet over Fibre extender allows you to extend high-speed Ethernet connections over long distances by converting electrical signals from copper cabling into optical signals for fibre optic transmission.

This is ideal for scenarios where data needs to travel beyond the 100m limitation of traditional copper Ethernet cables, providing stable, high-speed connectivity over distances of up to several kilometres.

An efficient and reliable way to extend your network infrastructure without the need for costly rewiring of the existing system.

- **High-Speed Transmission:** Delivers data rates up to 1.25Gbps, ensuring fast and reliable performance for modern applications.
 - **Easy Installation:** Hot-pluggable and compact, the extenders are quick to install without disrupting the existing network.
 - **Cost-Effective Upgrades:** Eliminates the need to install entirely new fibre infrastructure, utilising existing copper connections while transitioning to fibre.
 - **Future-Proofing:** Fibre optic technology is more scalable and durable, making it a long-term solution for expanding network capacity.
 - **Low Maintenance:** Fibre connections are less prone to interference and signal degradation, reducing the need for regular maintenance and troubleshooting.
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- Up to 10km Transmission Distance: Extend network coverage with reliable fibre connections.
 - 1.25Gbps Max Data Rate: Supports high-speed performance.
 - LC Optical Connector: Ensures easy and stable fibre connections.
 - Digital Diagnostics Monitoring (DDM): Simplifies troubleshooting.
 - Compact SFP/SFP+ Form Factor: Saves space in tight installations.
 - Low Power Consumption: Reduces energy costs.
 - 1000Base-BX & MSA Compliant: Ensures broad compatibility and reliability.
 - Standard Protocol:
 - IEEE 802.3 10Base-T standard RJ-45 interface
 - IEEE 802.3u 100Base-TX and IEEE 802.3z standards