

Article Overview

Irish suppliers like Irish Wireless and Gleantronics offer high-capacity GPON/EPON OLTs and SFP modules suitable for 200G networks.

Irish Suppliers and Equipment Options

1. Irish Wireless

- o Offers a range of GPON and EPON OLT units compatible with high-speed deployments, including 200G-capable uplinks .
 - o TP-Link DS-P7500-16: A 16-port XGS-PON & GPON combo OLT with advanced L2/L2+ functions, supporting 8 SFP XGSPON & GPON combo ports and 2x 100G QSFP28 uplink ports, making it suitable for 200G network aggregation .
 - o UISP-FIBER-OLT-XGS: Features 8x10Gb/s XGS/XG-PON ports, supporting up to 256 clients per port and 4x SFP28 uplink ports at 25Gb/s, with redundant power supply options for reliability .
 - o UFiber OLT 8: Supports 8 GPON ports with up to 128 clients per port, 2 SFP+ uplinks at 1/10G, and management via Ethernet and console ports .
- ### 2. Gleantronics
- o While primarily an electronics supplier, Gleantronics stocks networking modules and SFPs that can complement GPON deployments .
 - o Offers next-day delivery throughout Europe, ensuring rapid availability for Irish customers .

Key Considerations for 200G GPON Deployment

- o Uplink Capacity: Ensure the OLT supports 100G QSFP28 or multiple 25G SFP28 uplinks to aggregate traffic efficiently.
- o Client Support: Check the number of ONUs/ONTs supported per port and overall system capacity.
- o Redundancy: Look for OLTs with hot-swap power supplies and dual AC/DC options for high availability.
- o Compatibility: Confirm that SFP modules match the OLT slots (e.g., SFP28, QSFP28) and support the required GPON/XGS-PON standards.

Summary

For 200G GPON networks in Ireland, suppliers like Irish Wireless provide OLTs and SFP modules with high uplink speeds, multi-level QoS, and redundancy features. Gleantronics can supply complementary SFP modules and networking components with fast delivery. When selecting equipment, focus on uplink speed, client capacity, and redundancy to ensure seamless integration into high-speed fiber networks .

Compatible 200GGPON equipment from an Irish supplier

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Conclusion Selecting the right GPON equipment involves balancing performance, compatibility, and manageability.



Compatible 200GGPON equipment from an Irish supplier

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