

25G

The Next Step in PON Evolution

In today's flourishing digital arena, it's not just about faster speeds but it's also about new opportunities and how fiber can be used in different ways.



Supports 25 Gbps symmetrical line rate with data transfer rates of up to 20 Gbps



Provides the high-throughput and low-latency technology required for 5G mobile and fronthaul/midhaul transport



Delivers true 10 Gbps symmetrical throughput for enterprise service



Coexists with the service provider's existing GPON/XGS-PON fiber networks

25G PON excels not only in its capacity to support 5G throughput but also in lowering latency.

01



Cost-effective

02



Immediate availability

Service Provider Benefits



Near-term use cases



Convenience of adding to existing networks

04

25G PON leverages mature, high-volume data center optical technology so it can be implemented rapidly with reduced CAPEX.

03

Use Cases



Provides bandwidth for IoT, AI, machine learning, and big data analytics

INDUSTRY 4.0



Service providers can guarantee 10 Gbps premium and still have capacity remaining for other services

ENTERPRISE



Capacity will be especially valuable in high-density urban areas

5G MOBILE TRANSPORT



Provides bandwidth flexibility for enterprise, 5G, or wholesale traffic

CONVERGENCE

Sources:

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