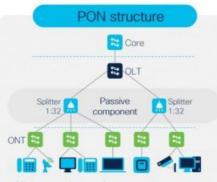


Why PON in enterprise? - Key benefits



- · Minimum equipment closets
- No Ethernet cable trays and supports
- · Local power for each ONT; no cooling needed
- · No Ethernet patch panels
- · Central provisioning on OLT
- Simple and inexpensive maintenance



Lower TCC

- · 37.3% lower TCO than traditional copper LAN network.*
- Fewer cables, no need for power cooling, and diminishing cable tray and requirements.



Efficient and scalable structure

- · Network topology is more distributed with minimum bottlenecks.
- Easy extension and reduction multiple splitting level allowed (tree structure).



Enhanced privacy and security

 Higher security at the physical level, data level, and end-user port, preventing risks of denial of service (DoS), redirects, and other malicious attacks.



Simple network management

 Centralized and single-point PON network operation by configuring and monitoring end-to-end devices at one glance.

*Source: IBM Smarter Networks Passive Optical LAN White Paper.

