

Tellabs 1100 OLT シリーズ

OLT1150

- 23" mounting
- 11RU high
- 2.56Tbps backplane*
- 160Gbps per slot*
- 16 multi-service slots
- 64 PON ports
- up to 2,048 ONTs
- up to 8,192
10/100/1000



OLT1150E

- 19" or 23" mounting
- 11RU high
- 2.24Tbps backplane*
- 160Gbps per slot*
- 14 multi-service slots
- 56 PON ports
- up to 1,792 ONTs
- up to 7,168
10/100/1000



OLT1134

- 19" or 23" mounting
- 6" (4RU) high
- 640Gbps backplane*
- 160Gbps per slot*
- 4 multi-service slots
- 16 PON ports
- up to 512 ONTs
- up to 2,048
10/100/1000
- 48Vdc power



OLT1134AC

- 19" or 23" mounting
- 6" (4RU) high
- 640Gbps backplane*
- 160Gbps per slot*
- 4 multi-service slots
- 16 PON ports
- up to 512 ONTs
- up to 2,048
10/100/1000
- 100/240 VAC power



*10G PONサービスを想定

Tellabs 1100 OLT シリーズ

- Software
 - Same software and similar features as Tellabs 1100 Series OLTs
- Physical
 - 1.75" H / 17.7" W / 13" D form factor including integrated redundant fans and rectifiers
 - 100/240 VAC input power and ships with AC power cord
 - 240W max consumption and 5Amp max draw
- IP/Ethernet
 - 2-ports 10GbE with XFPs ordered separately per design needs
 - 4-ports 1GbE with SFPs ordered separately per design needs
- GPON
 - Ships with four 4-ports G.984 GPON with SC/UPC SFPs
 - Optical budget 28 dB class B+



OLT1131

Tellabs 1100 OLT シリーズ

- IP / Ethernet Switching Engines –
 - Ethernet Bridging or Forced Forwarding
 - Non-blocking and wire-speed processing
 - Redundancy and Load Sharing
 - Link Aggregation 802.3ad
 - VLAN Trunking and Stacking (Q-in-Q)
 - QoS through Priority Queuing and Scheduling
 - Integrated SFP and XFP modules
- IGMP v2/v3 –
 - Distributed IGMP Proxy and Snooping
 - Powerful enterprise video service delivery
- Security Architecture –
 - Network Access Control (NAC)
 - User Authentication
 - 802.1x Port-Based Authentication and DHCP Option 82
 - Access Control Lists
 - Layer 2 (Ethernet) and Layer 3 (IP) and Layer 4 (TCP/UDP)

ESU2



- 1150 shelves
- 200G switching
- (2) 10GbE
- (4) 1GbE

ESU30



- 1134 shelves
- 24G switching
- (6) 1GbE

Tellabs 1100 OLT シリーズ

- Standards based technology –
 - 2.48 Gbps (downlink) / 1.24 Gbps (uplink)
 - Split ratio – 1:32
 - Class B+ optics (28dB) SC/UPC SFPs
 - Downlink Forward Error Correction (FEC)
 - Native IP/Ethernet based GPON Encapsulation Method (GEM)
 - Dynamic Bandwidth Allocation (DBA)
- High and Low Density Deployments –
 - Tellabs 1150 chassis supporting 64 total PON ports
 - Tellabs 1150E chassis supporting 56 total PON ports
 - Tellabs 1134 and 1134AC chassis supporting total 16 PON ports
- High performance design –
 - Non-blocking throughput
 - Wire-speed L2/L3 processing

QOIU7



- All OLT shelves
- 4-ports GPON
- SC/UPC SFPs