

### Optiv8 800U Series ONU



Optiv8 800U Series ONU products fully comply with IEEE 802.3-2005 and the Telecom EPON device technical specification (V2.1). It is operative, manageable and maintainable at telecommunication level, and can provide high speed data service for customers. It has a PON uplink port that connects to office end apparatus through optical fiber.

Product features:

- Conform to IEEE802.3ah standard and meet CTC V2.1 technical requirements
- Support Ethernet service layer 2 switching and wire-speed forwarding of uplink and downlink services
- Support frame filtering and suppression
- Support standard 802.1Q Vlan function, support VLAN conversion
- Support 4094 VLANs (802.1Q)
- Support Dynamic Bandwidth Allocation (DBA) function
- Support QoS, including traffic flow classification, priority marking, queue and dispatch, traffic shaping and traffic control, etc
- Single ONU supports up to 8 LLID.
- Support IGMP Snooping
- Support Ethernet port rate limit loop detection
- Support power failure alarm

- Support lightning protection for power supply and lightning protection for service port
- CATV radio frequency feature (optional)  
Output level 85dBu (input-6dbm)  
AGC working range 10dB CNR  $\geq$ 46dB@-6dBm (input)

**Port features:**

- 1 PON ports (1.25G)
- 8 10/100M port

**Physical features:**

- Physical dimension: 259\*119\*30 (L×W×H, unit: mm)
- Power supply: 5VDC  
Power consumption: 7W
- Temperature:  
Working temperature: -10~55℃  
Storage temperature: -30~60℃  
Relative humidity: 10~90% (non-condensing)