FTTH GEPON ONU

Quick Details:

Place of Origin: Shenzehn, China (Mainland);
Brand Name: OPTICO;
Products Name: Gepon ONU;
PON Splitters: PLC & FBT;
Wavelength: Tx 1310nm, Rx 1490nm; CATV Tx1550nm;
WIFI: IEEE802.11b/g/n, 300Mbps;
VLAN: VLAN tag mode, trunk mode;
CATV/RF: Yes;
Lan Port: 1 port to 16 Port FE or GE;
Pon PORT: 1.25G SC/UPC;
Working mode: Support SFU and HGU switch;
Application: FTTH FTTB FTTX Network;
MOP: 200 pcs;
Price Term: FOB Shenzhen;
Payment Term: T/T 30% in advance, 70% balance before shipment;
Lead time: 20 days after deposit;

Packaging & Delivery:

Packaging Details: Gepon onu carton box;
Delivery Time: 20 days after deposit;

Product Description

EPON and GPON are popular versions of passive optical networks (PONs). EPON is Fast Ethernet (100 Mbps) PON, while GPON is Giga bits Ethernet (10 Gbps) PON. OPTICO 's fiber optical access series of devices for the last-mile PON include OLT (Optical Line Terminal), ONU (Optical Network Unit) & ONT (Optical Network Termination), PON Splitters (PLC & FBT). We are proudly launching a series of integrated, high reliability and affordable EPON/GPON/ODN splitter solutions for all our customers to meet with fast growing demand of PON deployment.

ONU (Optical Network Unit) and ONT (Optical Network Termination) – ONU and ONT are basically the same device – ONT is located at the customer premise, and ONU is located outside the home. ONU can be working in different temperature and weather conditions. It should resist water, winds and vandals. The ONU usually communicates with an optical network terminal (ONT), which may be a separate box that connects the PON to TV sets, telephones, computers, or a wireless router. The ONU/ONT may be one device.

OLT (Optical Line Terminal) is the endpoint hardware device located at the CO in a passive optical network (PON). The OLT contains a central processing unit (CPU), passive optical network cards, a gateway router (GWR) and voice gateway (VGW) uplink cards. The main functionality of the OLT is to adapt the incoming traffic (Voice/Data/Video) from the metropolitan rings into the PON transport layer. It can transmit a data signal to users at 1490nm. That signal can serve up to 128 ONTs at a range of up to 12.5 miles by using optical splitters.

Epon/Gpon is designed to meet the FTTH broadband access, fiber to the desk (FTTO). high reliability, easy management and excellent quality of service (QoS) guarantee

ONU/ONT products fully comply with IEEE 802.3-2005 and the China Telecom EPON/GPON 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

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 ratelimit loop detection

Support power failure alarm

Port Features:

1 PON ports (1.25G)

1 10/100/1000M port

Physical Features:

Power supply: 12VDC

Power consumption: 6W
Temperature:
Working temperature:0~55°C
Storage temperature: -30~60°C
Relative humidity: 10~90% (non-condensing)

Products Name	Gepon onu
ITEM	**SPECIFICATION**
Pon TYPE	G/EPON ONU or GPON ONT
Fuction optional	FE/GE Lan port ,WIFI/ FXS/POTS/,CATV/RF..Ect..
Lan PORT	10/100/1000base-tx; Interface: RJ45
PORTs	PON: SC/PC
ETHERNET	10/100/1000M auto-negotiation
	Full/half duplex mode
	RJ45 connector
	Auto MDI/MDI-X
	100m distance
Business	Layer 2 wire speed switching
	Support VLAN TAG/UNTAG,VLAN conversion
	Support Port-based speed limitation
	Support Priority classification
	Support storm control of broadcast
	Support RSTP
Network	Support IEEE802.3 QAM, ONU can be remotely managed by OLT
Management	Support Remote management through SNMP and Telnet
	Support Be Remote updated by OLT
Physical	Dimension: 130mm X 100mm X 37mm;

	Weight: 250g
	Temperature: 0~60°C; Relative Humidity: 10~90%
Power Adapter	Input: AC 110V~ AC 265V; Output: DC12V/0.5A
Consumption	<5W

Shipping Ways:



Company Certificates:


Certificate
Of Quality Management System
OPTICO COMMUNICATION CO., LIMITED
GB/T19001-2016/ISO 9001:2015
Certified Scope:


CERTIFICATE
Anbotek
CERTIFICATE
Of Conformity
EU Council Directive 2014/30/EU
Electromagnetic Compatibility
Registration No.: AT0114115526
Report No.: R0114115526
Applicant : OPTICO COMMUNICATION CO., LIMITED
Product Identification : Fiber Optic Patch Cord
Model No. : SC/APC-SC/APC-SM, SC/UPC-SC/UPC-MM, LC/APC-LC/APC-SM, LC/UPC-LC/UPC-MM, FC/APC-FC/APC-SM, FC/UPC-FC/UPC-MM, ST/APC-ST/APC-SM, ST/UPC-ST/UPC-MM, MPO/APC-MPO/APC-SM-12F, MPO/PC-MPO/PC-MM-12F, MTP/APC-MTP/APC-SM-12F, MTP/PC-MTP/PC-MM-12F, SC/APC-SC/APC-SM-12F-SM, LC/APC-LC/APC-SM-12F-SM
Trade Mark : N.A.
Rating : N.A.
Test Standards : EN 61000-6-1: 2007, EN 61000-6-3:2007+A1:2011
The certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex II of Council Directive 2014/30/EU, in its latest amended version, referred to EMC Directive. The certificate does not imply assessment of the production and does not permit the use of Lab's logo. The applicant of the certificate is authorized to use this certificate in connection with EU declaration of conformity to Article 15 of the Directive.
Certified by
Dec. 05, 2014
Date
The CE Marking may only be used if all relevant and effective EU Directives are complied with
Shenzhen Anbotek Compliance Laboratory Limited


Type Test Report
based on Regulation (EU) No 305/2011
TÜVRheinland
Notification No.: 1008
Test Report No.: 28240369 001 Order No.: 93355965 Page 1 / 5
Client: OPTICO COMMUNICATION CO., LIMITED, No.9, 4/F, Building 5, Changfeng Industrial Park, Dongkeng Community, Guangming District, 518106 Shenzhen, CHINA
Test item: Optical Subscriber cable family
Manfacturer and manufacturing plant: OPTICO COMMUNICATION CO., LIMITED, No.9, 4/F, Building 5, Changfeng Industrial Park, Dongkeng Community, Guangming District, 518106 Shenzhen, CHINA
Identification: OP-Subscriber Cable 2.8mm-4.0mm 1J-2J Serial No.: -
Receipt No.: A000108858-001 Date of receipt: 2017.07.11.
A000109721-001 2017.07.26.
Testing location: TÜV Rheinland InterCert Kft. Termék biztság Villamos laboratórium H-1132 Budapest, Váci út 48/A-B, Hungary
Test specification: EN 60332-1-2:2004 + A1:2015, EN 60332-1-1:2004 + A1:2015
Test Result: This type-test report performed by the given test specification contains - the measuring data, results and statements according to the reference of the product-type by System "1+" or "3" in Annex V. of regulation 305/2011/EU, for reasons of determination of the essential characteristics in the declaration of performance. Classification: E_{ca}
Testing Laboratory: TÜV Rheinland InterCert Kft. Termék biztság Villamos laboratórium H-1132 Budapest, Váci út 48/A-B, Hungary
Tested by: Istvánné KALLOS testing co-worker, 2017.08.15. Adám BOHNERT testing co-worker
Checked by: 2017.08.15. László SZÁSZIK reviewer
Other Aspects: Harmonised standard: EN 50575:2014 + A1:2016, Classification standard: EN 13501-6:2014
Throughout this report a comma is used as the decimal separator.
This test report relates to the a. m. test item. Without permission of the test center this test report is not permitted to be duplicated in extracts.
TÜV Rheinland InterCert Kft. – H-1132 Budapest, Váci út 48/A-B

Company Pictures: