

# GPON-ONT-F6600R-SC APC+CATV



## Description

The F6600R is a intelligent routing-type Optical Network Terminal (ONT) in FTTH solution. By using the GPON technology, ultra-broadband access is provided for home users. The F6600R supports Internet, and HD video services. These features make the F6600R a perfect option for broadband access. It uses the GPON technology to implement ultra-broadband access for users. It provides 1GE+3FE+1TEL+1USB (1 GE port,3 FE ports,1 TEL port,1 USB port). Data and HD video services, and provides customers with an ideal all-optical access solution and future-oriented service support capability.

Model	F6600R
Type	Routing
Operating Temperature	0°C to 40°C
Operating Humidity	5% RH to 95% RH (non-condensing)
Power Adapter Input	100V to 240V AC, 50 Hz/60 Hz
System Power Supply	12V DC, 1A
Network-side Ports	GPON mode adaptive
User-side Ports	<b>1GE+3FE+1TEL+1USB</b>

Indicators	POWER, PON, LOS, LAN1~LAN4,TEL,WPS,WIFI,INTERNET
Dimensions (L * W * H)	8.3cm*4.7cm*1cm (excluding antenna and footpad)

## Technical Specifications

### Software Parameter

PON Mode	Dual mode,Auto-access to GPON OLT
Uplink Mode	Bridging and Routing Mode
Abnormal Protection	Detecting Rogue ONU, Hardware Dying Gasp
Firewall	DDOS, Filtering Based on ACL/MAC/URL
Basic	Support MPCP discover&register • Support authentication Mac/Loid/Mac+Loid Support Triple Churning Support DBA bandwidth Support auto-detecting, auto-configuration, and auto firmware upgrade Support SN/Psw/Loid/Loid+Psw authentication
Alarm	Support Dying Gasp Support Port Loop Detect Support Eth Port Los
LAN	Support Port rate limiting Support Loop detection Support Storm control
VLAN	Support VLAN tag mode Support VLAN transparent mode Support VLAN trunk
Multicast	Support IGMPv1/v2/Snooping Max Multicast vlan 8 Max Multicast Group 64
QOS	Support 4 queues Support 802.1P
L3	Support IPv4/IPv6 Support DHCP/PPPOE/Static IP

	Support Static route Support NAT
Management	Support CTC OAM 2.0 and 2.1 Support ITUT984.x OMCI Support WEB Support TELNET Support CLI Support TR069

Indicators	Status	Description
POWER	Light On	ONU power supply normally.
	Light Off	ONU no power supply.
PON	Light On	Success to register to OLT.
	Blink	In the process to register to OLT.
	Light Off	Fail to register to OLT.
LOS	Light On	Optical link is abnormal.
	Light Off	Optical in normal.
LAN	Light On	Ethernet connection is normal.
	Blink	Data is being transmitted.
	Light Off	Ethernet connection is not set up.
INTERNET	Light On	Wan connection is normal.
	Light Off	Wan connection is abnormal.
WIFI	Light On	The wifi is connected to the device.
	Light Off	WLAN connection is not set up.
WPS	Light On	WPS function enabled.
	Light Off	WPS function is not enabled.
TEL	Light On	Voice function enabled.
	Light Off	Voice function is not enabled.

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