

Model:PG-2100G-25G0-125G0



product type : GPON

product interface : 1GE

product chip : MTK&BOB

Product description : GPON SFU **PG-2100G-25G0-125G0** is designed for FTTH and networking service providers. It is developed by FH-Net Optoelectronics based on the Gigabit GPON technology, to reach ultra broadband access for home

Product introductione

Introduction

GPON SFU is designed for FTTH and networking service providers. **PG-2100G-25G0-125G0** is developed by FH-net Optoelectronics based on the Gigabit GPON technology, has a high cost performance. It is high stability and easy to maintain, has multi-service QoS quality guarantee. And It is fully compliant with technical regulations such as ITU-T G.984.x and technical requirement of GPON Equipment (V2.1 and above version)

Characteristics

- ☐ Main service: 1GE
- ☐ Plug and play, integrate auto detection, auto configuration and auto firmware upgrading
- ☐ Integrate OMCI and TR-069 remote configuration and maintenance
- ☐ Support diagnostic monitoring and remote disabling of fiber optical
- ☐ Compatible with Huawei, ZTE and Fiberhome OLT

Data Service Functions

- ☐ Full speed 1G non-blocking switching
- ☐ 2048 MAC address table
- ☐ Integrated port monitoring, port mirroring, port rate limiting, port SLA, etc
- ☐ Support auto polarity detection of Ethernet ports (AUTO MDIX)
- ☐ Integrated IEEE802.1p QoS with four level priority queues

Technical items	Descriptions
Fiber port	1 GPON interface, SC single-mode/single-fiber, Downstream rate 2.5Gbps, Upstream rate 1.25Gbps
Wavelength	Tx 1310nm, Rx 1490nm
Fiber interface	SC/PC
RX sensitivity	<-28dBm (1490nm)
LAN	1*10/100/1000Mbps adaptive Ethernet ports, full/half duplex, RJ45 interface
Throughput	Throughput can reach 900Mbps or more
DC power	12V 1A, external AC-DC power adapter
Button	Reset, power
Power	≤8W
Operation	Working temperature: -5~+55℃ working humidity:10~90%(non-condensation)
Storage	Storage temperature: -30℃~+60℃ storage humidity: 10~90%(non-condensation)
Dimension	130*105*30mm(length*width*height)
Net weight	≤0.2Kg

