

FD1601GS

1PON PORT STICK GON OLT



Stick SFP



Automatic
Registration



Strong
Compatibility



No Debugging



Plug and Play

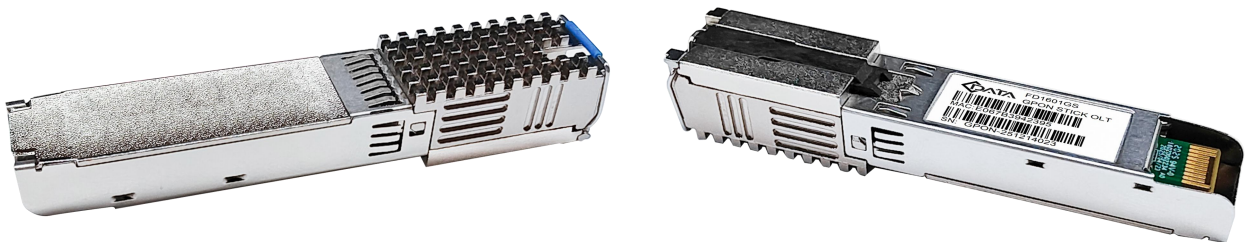


Low Power
Consumption

Brief Views

GPON Stick OLT FD1601GS completely meets relative standard of ITU-T. It can be hot-swapped into the SFP slot of the Layer2 Ethernet switch. The whole machine can be used as a small OLT equipment with 1 Gigabit uplink ports, and 1 GPON ports. The GPON port supports the splitting ratio of 1:128.

This product has the characteristics of small size, low cost, low power consumption, plug and play, flexible deployment, and no need for debugging. It is suitable for FTTH/FTTR application scenarios, small and medium-sized enterprise parks, monitoring private networks, rural and remote broadband coverage, and other application scenarios.



Functional Feature

GPON Functions

- ITU-T G.984.x/G.988.x standard
- Support GPON Class C+
- Support both Static bandwidth allocation (CBA) and Dynam Bandwidth allocation (DBA)

Product Specification

Mechanics

Dimensions	75mm(L)x13.85mm(W)x12.3mm(H)
Weight	About 30g

Hardware

Stick OLT	Physical Interface	SFP
	Interface Type	GPON: GPON Class C+
	Max Splitting Ratio	GPON: 1:128
PON Port Attribute	Transmission Distance	20KM
	Port Rate	GPON: Downstream: 2.5Gbps Upstream: 1.25Gbps
	Wavelength	Forwarding: 1490nm Receiving: 1310nm
	Interface Type	SFP SC/UPC
	Fiber Type	9/125μm SMF (Single Mode Fiber)
	Light Transmission Power	Class C+: +3 ~ +7dBm
	Receiving Sensitivity	Class C+: -30dBm
Saturation Power	Class C+: -12dBm	
Switching Capacity	8.75G	

Power Supply

Vcc	3.0V~3.6V
Maximum Power	≤3W

Environment

Working Temperature	0 ~ 70°C
Storage Temperature	-40 ~ 85°C
Ambient Humidity	5 ~ 95% (Non-condensing)

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