

FD1801TS

1PON PORT STICK XGS-PON OLT



Stick SFP+



Automatic
Registration



Strong
Compatibility



No Debugging



Plug and Play

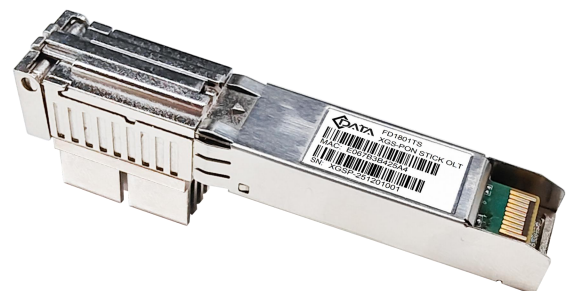
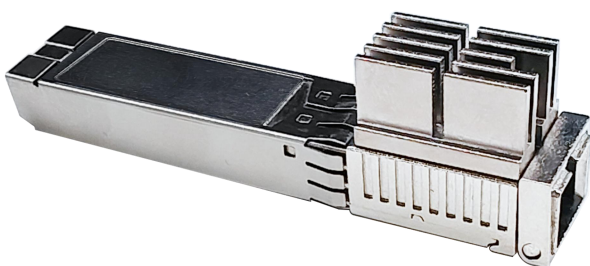


Low Power
Consumption

Brief Views

XGS-PON Stick OLT FD1801TS 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 10 Gigabit uplink ports, and 1 XGS-PON ports. The XGS-PON 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

XGS-PON Functions

- ITU-T G.9807.1 standard
- Support XGS-PON Class N2
- Support both Static bandwidth allocation (CBA) and Dynam Bandwidth allocation (DBA)

Product Specification

Mechanics

Dimensions	72mm(L) x 14mm(W) x 21.6mm(H)
Weight	About 30g

Hardware

Stick OLT	Physical Interface	SFP+
	Interface Type	XGS-PON: XGS-PON Class N2
	Max Splitting Ratio	XGS-PON: 1:128
PON Port Attribute	Transmission Distance	20KM
	Port Rate	XGS-PON: Downstream: 10Gbps Upstream: 10Gbps
	Wavelength	Forwarding: 1577nm Receiving: 1270nm
	Interface Type	SFP+ SC/UPC
	Fiber Type	9/125μm SMF (Single Mode Fiber)
	Light Transmission Power	Class N2: +4 ~ +7dBm
	Receiving Sensitivity	Class N2: -28dBm
Saturation Power	Class N2: -7dBm	
Switching Capacity	40G	

Power supply

Vcc	3.0V~3.6V
Maximum Power	4.5W

Environment

Working Temperature	-20 ~ 85°C
Storage Temperature	-40 ~ 85°C
Ambient Humidity	5 ~ 70% (Non-condensing)

Copyright © Shenzhen C-Data Technology Co., Ltd. 2025. All rights reserved.

Without the prior written consent of C-DATA, any reproduction, excerpting, backup, modification, translation or any other form of commercial use of this document or any portion of this document, and in any form or by any means, to transmit the document are prohibited.