

D-TECH Stick SFP XPON ONU

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Variants

2.5/1.25G UPC 10G UPC

Details

1. Product Introduction

Product Name: XPON STICK ONU (GPON/EPON Adaptive), commonly known as "Cat Stick"

Chip Solution: **Galachip GC1601A**

Product Features:

Ø 3.3V power supply, maximum transmission distance of 20KM

Ø Supports data encryption

Ø Compatible with SFP MSA

Ø Supports VLAN function configuration

Ø RoHS compliant

Ø Supports online software upgrades

Ø Supports fault alarms

- Ø Supports dynamic bandwidth allocation
- Ø Supports multicast transmission
- Ø Compatible with SC/APC or SC/UPC interfaces

2. Application Scenario Overview

The XPON STICK optical module, referred to as the "SFP (SFP+) packaged PON ONU module" in China Telecom's enterprise standards, is primarily used to replace SFU optical modems, enabling gigabit (10-gigabit) single-port photoelectric conversion in PON networks.

The XPON STICK optical module fully meets the requirements of telecom-grade FTTB/FTTH/FTTO equipment. It can be hot-swapped into the SFP slot of a Layer 2 Ethernet switch, allowing the entire device to function as an ONT. This enables the device to directly connect to the GPON optical network. The central office OLT only needs to register the GPON STICK optical module like a regular optical modem, and the communication device can complete the switch from the original P2P network to the PON network.

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