



BDCOM

BDCOM GSFP-ST-02 Series Modularized GPON ONT

Product Overview

BDCOM GSFP-ST-02 Series is a smart ONT with modularized SFP. It is oriented for the security monitoring and intelligent WiFi. It is complied with the international standard ITU-T G.984/988 and PRC Communication Industry Standard *GPON ONT in Access Technology Requirements* and China Telecom GPON Technical Requirement CTC2.0.



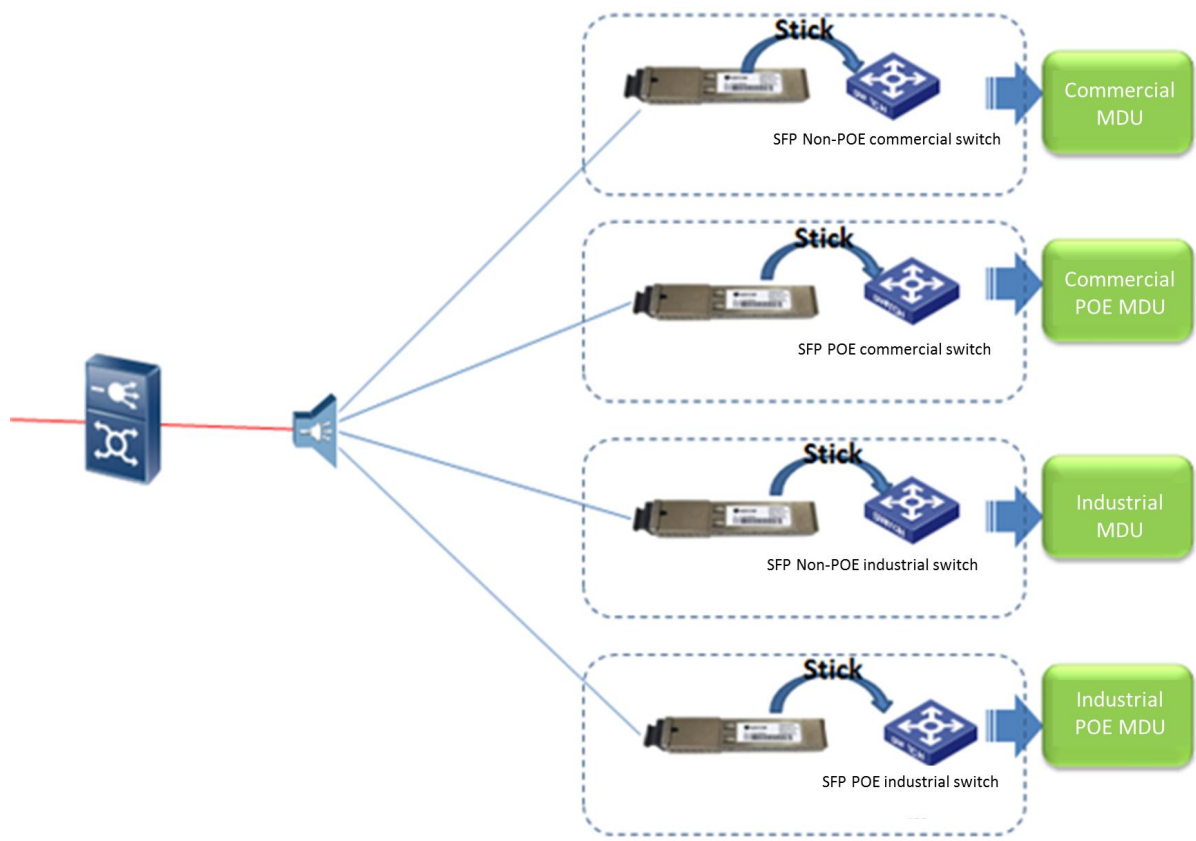
GSFP-ST-02

Technical Parameters

Attribute	GSFP-ST-02
UNI interface	1 GE
PON interface	downlink 2.5Gbps / uplink 1.25Gbps The network covering radius: 20km Type of the optical interface: SC/UPC Hi-sensible optical receiver: -28dBm Radiation power: 0.5 ~5dBm Security: ONT authentication mechanism
Standard	ITU-T G.984/G.988; PRC Community Industry Standard GPON ONT in Access Technology Requirements; IEEE 802.1D, Spanning Tree IEEE 802.1Q, VLAN IEEE 802.1w, RSTP ITU-T Y.1291
VLAN	Port based VLAN IEEE 802.1Q VLAN CTC2.0 defined VLAN
Multicast	IGMP-Snooping CTC defined dynamic multicast MLD-Snooping

QoS	Backpressure flow control (half duplex) IEEE 802.3x flow control (full duplex) Head Of Line (HOL) mechanism IEEE 802.1p, CoS four priority queues on each port WR, SP and FIFO Rate limit
Reliability	Dying-Gasp
Security	Limitation to the number of MAC addresses on the port Port protection Port storm control
Heat dissipation	Supports long-time use (For instance, 24 hours); The device running hot will not affect its performance or cause it break down.
Environment requirement	Operating environment: 0°C ~ 70°C; 10% ~ 85% non-condensing
	Storage environment: -40°C ~ 85°C; 5% ~ 95% non-condensing
	Power supply: SFP feed
	Power consumption: < 2W

Networking and Applications



Ordering Information

Model	Description
BDCOM GSFP-ST-02	STICK GPON ONT Module, standard SFP encapsulation, SC/UPC interface

For More Information

For more information about the [BDCOM GSFP-ST-02 Series](#), please contact your local BDCOM account representative.

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