

GPON SFP ONU

Expandable Fiber Uplink Solution

Smallest GPON ONT device for expanding fiber uplinks with high-level integration

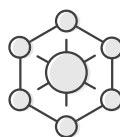
DPN-100

- ITU-T G984 compliant
- Built-in digital diagnostics function
- Single fiber bi-directional function
- 1310nm FP Burst-mode Transmitter
- 1490nm APD Continuous receiver
- SFP metallic module
- Low power consumption
- Excellent EMC characteristics
- DDM Implementation
- Compliant with RoHS & WEEE



Low Power Consumption

Energy saving design for low power consumption



Industry Compliance

Compliant with ITU-T G984, RoHS, FCC/UL and CE standards



Hot Pluggable

Modify your infrastructure without network disruptions

General

GPON Interface	<ul style="list-style-type: none"> Compliant with ITU-T G.984 GPON standards 1.244G bps Burst Mode Upstream Transmitter Compliant with ITU-T G.984.2 Amd1, Class B+ <ul style="list-style-type: none"> APD receiver and DFB transmitter 0.5 to +5 dBm launch power, -27 dBm sensitivity, and -8 dBm overload 	<ul style="list-style-type: none"> SFF type laser, SC/APC connector 2.488 Gbps Downstream Receiver Wavelengths <ul style="list-style-type: none"> US 1310nm, DS 1490nm Laser compliant with FCC 47 CFR Part 15, Class B, and FDA 21 CFR 1040.10 and 1040.11, Class I, ONT support Class C or Class C+ optics as an option
Standards	<ul style="list-style-type: none"> ITU-T G.984.x FDA 21 CFR 1040.10 Class I FDA 21 CFR 1040.11 Class I 	<ul style="list-style-type: none"> FCC 47 CFR Part 15, Class B ITU-T G.984.2 Amd1, Class B+

Physical

Dimensions	• 82 mm x 14 mm x 12.5 mm (L x W x D)	
Weight	• 30 grams (0.002 pounds)	
Power Supply	• Input: 3.3 V	• Consumption: < 2 W
Working Environment	• Case operating temperature: -40 to +85°C	• Humidity: 5 to 95% relative humidity, non-condensed
Safety & EMI	<ul style="list-style-type: none"> RoHS FCC/UL compliant 	• CE compliant
Installation	• SFP interface	

Order Information

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