

# Huawei optical module OLTGPON



## Overview

Huawei compatible OM5270S-D2SW is XGSPON & GPON OLT SFP transceiver, operating over Single-Mode Fiber (MMF) optical cable. It has minimum guaranteed optical budget of 34dB for XGPON and 35dB for GPON technology, with in most cases is enough to reach 20km distance. Passive all-optical network access solutions for enterprises, Internet Service Providers (ISPs), and Multiple System Operators (MSOs). All services are executed in a unified manner, with the potential for unlimited. A GPON optical module is connected to one SC optical fiber to provide GPON access service. Otherwise, the optical module may be burnt. Designed for GPON fiber access networks, this SFP-based transceiver offers high optical power, superior receiver sensitivity, and supports transmission distances. Huawei OptiXaccess EA5801E is a box-shaped Optical Line Terminal (OLT) with Gigabit Passive Optical Network (GPON) access, supporting both Passive Optical LAN (POL) and Fiber To The Home (FTTH) solutions.



## Article Content

Mar 26, 2026

### GPON OLT CLASS C+ HSC Huawei Brand New Optical Transceiver

Fully compliant with ITU-T G.984.2 Class C+ specifications, it ensures seamless integration with Huawei OLT equipment such as MA5800, MA5680T, MA5600T, and others. The HSC module delivers stable

Apr 12, 2026

### GPON Optical Modules

Ensure that the optical power is not overloaded. Otherwise, the optical module may be burnt. In practice, the maximum upstream service bandwidth is 1.1 Gbit/s and downlink service bandwidth is 2.3 Gbit/s.

Jun 08, 2026

### OptiXaccess MA5801S (Blade OLT)

Product Highlights High Density with 16 GPON Ports: Provides 16 GPON service ports, and can work with GPON optical modules to implement GPON access. Pre

Jan 01, 2026

### GC8B High-Density 8-Port GPON Service Module for Carrier-Grade

GC8B GCOB Basic principle introduction: Control module to complete the single board software loading, operation control, management and other functions. Exchange module to achieve the convergence

Sep 03, 2025

### Huawei EA5801E-GP08-GP16-GP04-Optical Access

Huawei OptiXaccess EA5801E is a box-shaped Optical Line Terminal (OLT) with Gigabit Passive Optical Network (GPON) access, supporting both Passive

Feb 03, 2026

### OM5270A-N2SWX200 Huawei compatible OLT

Huawei compatible OM5270A-N2SWX200 is XGPON OLT N2a transceiver, operating over Single-Mode Fiber (SMF) optical cable. It has a minimum

Feb 15, 2026

### OM5270S-D2SW Huawei compatible XGSPON

Huawei compatible OM5270S-D2SW is XGSPON & GPON OLT SFP transceiver, operating over Single-Mode Fiber (MMF) optical cable. It has minimum

Apr 28, 2026

XGPON & GPON OLT C+ Huawei High Quality Optical Transceiver

The XGPON & GPON OLT C+ Huawei Optical Transceiver is a high-performance, dual-mode module designed to support both 10G XGPON (ITU-T G.987.2) and 2.5G GPON.

Mar 24, 2026

Huawei Compatible OSG002004 GPON OLT Class C+ Module

OSG002004 is a Huawei Compatible GPON OLT Class C+ transceiver, operating over Single-Mode Fiber (SMF) optical cable. It has minimum guaranteed optical budget of 33 dB, which in most cases

Jan 23, 2026

community-templates/Network\_Devices/Huawei/template\_optical\_modules ...

Zabbix Community Templates repository. Contribute to zabbix/community-templates development by creating an account on GitHub.

Dec 10, 2025

GPON-OLT-CLASS C+ 2.5G/1.25G SFP Transceiver Module for

The GPON-OLT-CLASS C+ SFP Transceiver Module is a high-performance optical module specifically designed for GPON OLT ports in FTTx networks. It features Class C+ high launch power (5-9dBm)

Feb 10, 2026

GPON OLT CLASS D Single Mode Module Fiber Optical Transceiver Module ...

Hunan Xunkai Intelligent Engineering Co., Ltd is an enterprise established in 2017,our main products are HUAWEI and ZTE optical line terminals.At the same time,we also sell optical network units and

May 13, 2026

Original SFP Huawei GPON-OLT-CLASS-C+/C

Product Description Original SFP Huawei GPON-OLT-CLASS-C+/C++ Optical

Apr 29, 2026

Original SFP Huawei GPON-OLT-CLASS-C+/C

High quality Original SFP Huawei GPON-OLT-CLASS-C+/C++ Optical Module from China, China's leading product market Huawei Optical Transceiver product, with

Jul 23, 2025

### Optical Modules in Intelligent Computing Scenarios

Huawei provides a full series of pluggable optical modules. A wide variety of modules give you flexible plug-and-play options for all types of interfaces.

Jul 01, 2025

### GPON Optical Modules

S5700 Series Switches Hardware Description (V200) GPON Optical Modules  
H87MMA5671A2 Translation Favorite

Dec 05, 2025

### Dual Fiber Module LC SFP Transceiver Hilinktech 10G SFP+ 1550nm

100km SFP+ Transceiver Module LC DDM 10G Bidi 10G Bidi 1490nm / 1550nm  
100km SFP+ LC DDM for 5G Data Center The Hilink HL-XFP-10G-BX80-49 & HLSFP-10G-BX80-55 is a very compact

May 11, 2026

### Buy Huawei MA5801-GP08-H2 OLT Best Price

The SmartAX MA5801-GP08-H2 is a compact and low-density box-shaped OLT. It provides multiple fiber to the home Huawei FTTH solution to meet the requirements of economical and efficient

Oct 09, 2025

### OM5270S-D2SW Huawei compatible XGSPON

OM5270S-D2SW Huawei compatible XGSPON & GPON OLT MSA Compatible SFP+ Single Fiber Module supporting ... Gbps in 20 km distance over Single

Apr 18, 2026

### Huawei SFP+ Price

The Best Huawei Products Price List Checking Tool ICT-Router, Switch, Optical Transmission & Access Network

Jul 09, 2025

### Optical Access

Based on PON technology, passive all-optical network access solutions enable access by any media, tailored to enterprises, ISPs, and MSOs.

Jun 17, 2026

MA5800 | Access | OLT | FTTH | Huawei Enterprise

Huawei SmartAX MA5800 Series The MA5800 multi-service access device is a 4K/8K/VR-ready OLT in the gigabit ultra-broadband era. It supports the PON/10G

## Contact Us

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