

N1 optical module high power



Overview

The transceiver's high-power 1577nm EML LD and high sensitivity 1270nm APD enable it to support transmission distances of up to 20km with SMF. Equipped with RX_SD indication, low EMI, and excellent ESD protection, this transceiver prioritizes operational reliability. For gigaband access, HiSilicon provides the following optical modules: XGS Combo PON OLT Class C+, XGS-PON OLT Class N1/N2/E1/E2 and GPON OLT Class C+/D. They support various service scenarios and multiple types of network construction, including home and enterprise access. HiSilicon. Transmitter Eye Mask Definitions and Test Procedure Max. Note: "1~20" PIN comply with SFF 8431. 5G Up) for modern broadband services. 2 and featuring an N1 optical budget, it offers a cost-effective, reliable solution for standard FTTx deployments over single-mode fiber. 95Gbps and a Burst Mode RX rate of 9. Operating efficiently within temperatures ranging from 0 to 70°C, it ensures reliable performance across. The Generic compatible 9. The XGSPON OLT Small Form-factor Pluggable. The SFP+ module and host SFI contacts (High Speed Contacts) shall withstand 1kV electrostatic discharge based on Human Body Model and all host contacts with exception of the SFI contacts (High Speed Contacts) shall withstand 2kV electrostatic discharge based on Human Body Model.



Article Content

XG-PON1 OLT SFP+ TX9.95G/RX2.5G N1 Module

XG-PON1 OLT SFP+ module is used in Optical Line Terminal(OLT) devices, transmit data at a rate of 9.95 Gbps and receive data at a rate of 2.5 Gbps -

Smallest Thinnest Power Modules for Data Center Optical Modules

Since in high-capacity data centers, multiple copper-fiber connections are required, multiple numbers of optical modules are used. Each optical module is exposed to a high volume of data packets and

Huawei XGPON-OLT-N1 Module Price& Datasheet MF-Telecom

XG-PON OLT N1 SFP+. Asymmetric 10GPON Optical Module OM5270X101. Apply to Huawei MA5600T MA5800 XGPON OLT XGPON board.

XGSPON ONU SFP+ 20km DOM SC SMF Optical Transceiver Module

Figure 2, Tx Power saving function timing Figure 3, SPF+ Module PCB Pinout XGSPON ONU SFP+ 20KM DOM SC SMF OPTICAL TRANSCEIVER MODULE DATASHEET

FTTx Transceivers | HiSilicon Optoelectronics

HiSilicon Optoelectronics has developed components and designed bottom-layer chips to offer high reliability and low power consumption, significantly improving

XGSPON OLT SFP+ N1-PON

The HG Genuine PLGS1-11A/11B Transceiver is a high performance, cost effective module for serial optical data communication applications to 10G.The PLGS1

Grandioso N1 | FEATURES | ESOTERIC:Japan high-end audio

The Grandioso N1 is equipped with the 4th generation Esoteric Network Engine G4, a top-of-the-line engine with the processing power worthy of a flagship network streamer / DAC. The G4 engine

PK940-N1-120.0W-10522-SM(Customized Product)

Fiber laser pumping High Power Diode Laser Modules are manufactured by adopting specialized fiber-coupling techniques, resulting in volume products with a high efficiency, stability and superior beam

Huawei XGPON-OLT-N1 Module Price& Datasheet MF-Telecom

Buy Huawei XGPON-OLT-N1 Module with one-year warranty and 24H tech support service at mf-telecom

XGS-PON& XGPON OLT N1/N2/E1 SFP+ Optical Transceiver

Compliant with ITU-T XGS-PON G.9807.1 Support ITU-T G.987.2 XGSPON OLT N1/N2/E1 application 0 to 70°C operating case temperature 3.3V power supply SFP+ package with SC Receptacle

XGSPON OLT SFP+ 1577nm-TX/ 1270nm-RX Class N1 20km DOM SC SMF Optical ...

XGS-PON OLT product is designed for OLT module based on XGSPON N1 technology. The product is an integrated module containing a micro-optic component and semiconductor material.

XGSPON OLT SFP+ N1 Optical Transceiver IND

The transceiver's high-power 1577nm EML LD and high sensitivity 1270nm APD enable it to support transmission distances of up to 20km with SMF. Equipped

XGPON N1 OLT Optical Module

The SFP+ module and host SFI contacts (High Speed Contacts) shall withstand 1kV electrostatic discharge based on Human Body Model and all host contacts with exception of the SFI contacts

XGS PON OLT SFP+ Optical Transceiver Module

Superxon XGS PON OLT SFP+ transceivers, compliant with SFP+ MSA, support single-fiber bi-directional data links with XGS PON speeds of up to 9.95Gbps

XG-PON1 OLT SFP+ TX9.95G/RX2.5G N1 Module | AscentOptics

XG-PON1 OLT SFP+ module is used in Optical Line Terminal(OLT) devices, transmit data at a rate of 9.95 Gbps and receive data at a rate of 2.5 Gbps - AscentOptics.

XGSPON OLT/ONU Optical Transceiver Modules | AscentOptics

AscentOptics can provide XG-SPON OLT SFP+and XFP transceivers (N1, N2 and E1 according to ODN Class) for XGSPON OLT devices and XGSPON& GPON Combo OLT SFP+ transceivers (B+/N1,

Huawei XGPON & GPON-OLT-N1 Optical Module Part Number:

The Huawei XGPON u0026 GPON OLT N1 Optical Module, part number 34061473, is a high performance optical module designed for use in Huawei's optical line terminal (OLT) systems.

PON Module Parameters Guide: How to Choose the Best GPON & EPON Modules

Overload Optical Power : The maximum optical power a device can handle without damage. Currently, the two main standards organizations for PON networks, ITU and IEEE, have

XGSPON OLT SFP+ N1 Optical Transceiver IND

XGSPON OLT SFP+ N1 module is designed to transmit and receive data over single mode optical fiber for a link length of 20km via a SC connector -

Hisense Comes out Class E1 XGS-PON OLT Optical

Hisense XGS-PON OLT optical module support both 9.953Gbps symmetrical upstream and 2.488Gbps asymmetrical upstream, so it can be used for both

Configuration Guide for Cisco NCS 1001, IOS XR

When you plan to replace a configured optical module with a different type of optical module, you must clear the configurations of the old

XGPON N1 OLT Optical Module

1270nm burst mode transmitter with DFB Laser 1577nm continuous mode receiver with APD-TIA +3.3V power supplies and Sleep Mode for Power Consumption Digital diagnostic SFF-8472 Compliant

SFP+ XGS-PON OLT Class N1-E 20km Optical

GIGALIGHT SFP+ XGS-PON OLT Class E1 20km optical transceiver module is an XGS-PON OLT in SFP+ package, which complies with the ITU-T G.9807.1

XG-PON OLT SFP+ Transceiver | 10G/2.5G Asymmetric | N1 Class

It utilizes the N1 optical class, offering a cost-effective standard power budget suitable for typical urban and suburban fiber deployments. The module fits into standard SFP+ ports on OLT equipment,

Real-time implementation of non-integer oversampling timing recovery ...

However, the computational complexity involved in processing individual symbols presents significant challenges in meeting the low-power consumption demands of high-speed optical modules.

XGS-PON& XGPON OLT N1/N2/E1 SFP+ Optical Transceiver

SFP+ package with SC Receptacle connector Hot-pluggable capability High power 1577nm EML LD High sensitivity 1270nm APD Support XGS-PON or XG-PON 20km application with SMF RX_SD

Cisco Optics | Transform Your Network

Get the highest quality, performance-leading optical transceivers for any network architecture. Find the transceiver model to fit your network.

Generic Compatible XGSPON OLT SFP+ 1577nm

The Generic compatible 9.953G-TX/9.953G-RX & 9.953G-TX/2.488G-RX transceiver module is specifically designed for 10-Gigabit-capable Passive

Contact Us

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