

XG optical module parameters



Overview

The XG(S)PON/GPON Combo OLT SFP+ Transceiver module is designed for triple play use, supporting XGS-PON, XG-PON and GPON transmissions up to a 20km distance. It incorporates a High power 1577nm EML and High power 1490nm DFB and High sensitivity 1270nm/1310nm APD . 488G downstream, reaching a link up to 20km over SMF via SC/UPC connector. It is fully compliant with ITU-T G. It integrates bidirectional data transmission Plus (SFP+) transceiver can provide a asymmetrical bandwidth with a maximum over one single-mode optical fiber. The XG-PON&GPON Combo OLT Small. The Ruijie XG-SFP-LR-SM1310 datasheet provides a concise yet critical overview of this 10G SFP+ optical transceiver, helping users quickly determine whether it meets their network requirements. Timing Parameter Definitions in Burst Mode Sequence Max.



Article Content

Ruijie XG-SFP-LR-SM1310 Datasheet Explained Guide

Explore the Ruijie XG-SFP-LR-SM1310 datasheet, including specs, performance, compatibility, and deployment insights for 10G SFP+ LR modules.

Huawei PON SFP Modules | GPON XG-PON XGS-PON & 50G-PON

These modules support transmission distances up to 60 km, provide excellent optical budgets, and are optimized for deployment in Huawei OLT platforms and modern Fiber-to-the-Home

Airlive XG_XGS_GPON Combo OLT SFP+ N2_C+_SpecSheet

The XG(S)PON/GPON Combo OLT SFP+ Transceiver module is designed for triple play use, supporting XGS-PON, XG-PON and GPON transmissions up to a 20km distance. It incorporates a High power

Airlive XG(S)_OLT SFP+ N1_SpecSheet

The Optical transceiver module is designed for low-cost point-to-multipoint (P2MP) Fiber to the Home (FTTH), Business or Curb (FTTx) applications. It employs a 1577nm CW mode downlink EML

XGSPON Transceiver | Integra Optics | Jun 2024

The SFP+ XGSPON OLT transceiver from Integra Optics is an optical transceiver module designed to cater to XG/XGS-PON 10/2.5 G

RG 10GBASE Series

As an industry-leading ICT infrastructure and industry solution provider, Ruijie offers customers a wide variety of high-density and low-power 10G optical modules. They are applicable to data center and

XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM

XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM Duplex LC SMF Optical Transceiver Module Applicable to data center and campus networks, enabling cost-effective, efficient, and high

XG-PON& GPON Combo OLT SFP+ 1577nm-Tx/1270nm-Rx and

The Combo XGPON OLT optical module is inserted on the single board of the Generic Combo XGPON OLT device. It integrates bidirectional data transmission Plus (SFP+) transceiver can provide a

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

Hot-pluggable capability High power 1577nm EML LD High sensitivity 1270nm APD Support XGS-PON or XG-PON 20km application with SMF RX_SD indication Low EMI and excellent ESD protection

Understanding xgspon: Key Aspects of the Modern

Discover the key aspects of modern optical transceiver technology with XGS-PON. Learn about high-speed data transfer, symmetrical capabilities,

Explanation of Optical Module Parameters

Considering that some newcomers to optical modules may not understand the letters on the optical module or the specific meanings of the parameters on the optical module, the following is

RG 10GBASE Series Optical Modules Datasheet

Click in to download RG 10GBASE Series Optical Modules Datasheet or get more details of this document. Ruijie Networks provides this basic information for our customers, distributors, after

Accessories XG-SFP-LR10-SM1330-BIDI-I 10G BiDi

As an industry-leading ICT infrastructure and industry solution provider, Ruijie offers customers a wide variety of high-density and low-power 10G optical modules.

XG-PON& GPON Combo OLT SFP+ 1577nm-Tx/1270nm-Rx and

Description The Combo XGPON OLT optical module is inserted on the single board of Combo XGPON OLT device, which can provide users with a symmetrical bandwidth with a maximum uplink and

Ubiquiti Fiber XGS/XG Optical Transceiver | Getic

The UISP Fiber XGS/XG Optical Transceiver, model UACC-UF-OM-XGS, by Ubiquiti, is an advanced optical transceiver engineered to provide high-speed

XG-PON OLT SFP+ | Broadex Technologies

XG-PON OLT SFP+ Product Features Supports ITU-T G.987.2 application Single fiber Quad-directional data links 1577nm 9.953G continuous-mode transmitter with EML laser, 1270nm 2.488G burst-mode

XGPON OLT SFP+ Class N2 20km DDM SC SMF Optical

Description The XGPON OLT SFP+ transceiver provides an asymmetric 9.953Gbps upstream and 2.488G downstream, reaching a link up to 20km over SMF via SC/UPC connector. It is fully

Accessories XG-SFP-LR10-SM1270-BIDI-I 10G BiDi SFP+ 1270nm

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XGS-PON& GPON Combo OLT SFP+ Class D 20km DOM SC SMF Optical

Description The 10G-TX/10G(2.5G)-RX & 2.5G-TX/1.25G-RX transceiver module is specifically designed for 10-Gigabit-capable Symmetric Passive Optical Network (XGSPON& GPON) system. It integrates

RG 10GBASE Series

XG-SFP-SR-MM850 Module The XG-SFP-SR-MM850 is aligned to IEEE 10GBASE-SR optical specifications and supports a link length of up to 300 meters over a multimode fiber (MMF) with an

XG-MODULES

Fiber Optic XG series modules CommScope's XG Optical Fiber Modules support 10 Gigabit applications up to 300 meters with lowest-cost electronics and offers fast installation multiple connector choices.

CVPR 2026 Papers with Code & Data

The IEEE Conference on Computer Vision and Pattern Recognition (CVPR) is one of the top computer vision conferences in the world. The 2026 event will be held in Denver, starting June

XGSPON OLT/ONU Optical Transceiver Modules | AscentOptics

XGS-PON is an advanced GPON and XG-PON technology that allows mixed GPON, XG-PON and XGS-PON ONU access, the uplink/downlink rate is 10G/10G - AscentOptics.

PON Module Parameters Guide: How to Choose the

Discover key PON module parameters for selecting the best GPON and EPON modules. Understand their impact on network performance and make

XG-SFP-SR-MM850 10GBASE-SR SFP+ 850-nm 300-m DOM Duplex LC MMF Optical ...

XG-SFP-SR-MM850 10GBASE-SR SFP+ 850-nm 300-m DOM Duplex LC MMF Optical Transceiver Module Applicable to data center and campus networks, enabling cost-effective, efficient, and high

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