

1577 Optical Module



Overview

This module delivers high-speed asymmetric connectivity (10G Down / 2.5G Up) for modern broadband services. It features an N1 optical budget, offering a cost-effective, reliable solution for standard FTTx deployments over single-mode fiber. The XGSPON OLT SFP+ transceiver provides a symmetric 9.488G downstream, reaching a link up to 20km over SMF via SC/UPC connector. It is fully compliant with SFP+ MSA and RoHS standards and is ideal for symmetric 10Gigabit capable passive optical network (XGS-PON) system. Its robust construction, including XGSPON Combo SFP+, TX 1577/1490 RX 1270/1310, 10/2.5G Up, N1/C+, DDM, Adtran 1442543F2 Compatible Integra manufactures the highest quality GSFP transceivers in the industry, designed to be 100% interoperable with all OEM platforms. This allows GIGALIGHT provides the smart box tools for online coding of SFP, XFP, SFP+, QSFP+, and QSFP28 optics, as well as wavelength tuning for 10G tunable XFP/SFP+ optical transceivers. GIGALIGHT provides a series of BER testing tools (checker) for 10G SFP+, 25G/32GFC SFP28, 40G QSFP+, 100G QSFP28, 200G. The 10G EPON OLT SFP+ Transceiver is a high-performance optical module designed for the central office (OLT) side of 10G Ethernet Passive Optical Networks. 3av standard, providing massive bandwidth improvements for FTTx deployments.



Article Content

UL 1577 Datasheet

1.1 These requirements cover optical isolators, also called optical couplers or photocouplers: a) Intended to provide unidirectional signal transfer between dielectrically isolated circuits and, b) Intended for

Fiber Optic Transceivers XGSPON Combo SFP+, TX 1577/1490 RX

We're the first optics manufacturer in the Western Hemisphere to invest in high-speed robots, allowing us to scale our operations to handle virtually any order, large or small, and ensure

XG-PON OLT Class N2a SFP+ 20km | 10G FTTH | EDGEOPTIC

EDGEOPTIC XG-PON OLT Class N2a SFP+: 20km SMF, 1577/1270nm, 33.5dB budget, 9.953/2.488 Gbps U/D. SC/PC for high-capacity 10G FTTH OLT deployments.

10G EPON Symmetric OLT 20km 3.3V Tx 1577& 1490nm/Rx1310nm

10G EPON Symmetric OLT 20km 3.3V Tx 1577& 1490nm/Rx1310nm 1.5W Transceiver XFP module, Find Details and Price about XFP transceiver module 10G SFP+ from 10G EPON Symmetric OLT

1577nm SM Pigtailed DFB Laser Diode for sale

We supply high quality 1577nm SM Pigtailed DFB Laser Diode, we are professional 1577nm SM Pigtailed DFB Laser Diode factory, manufacture, supplier.

1577nm - GIGALIGHT

The optical amplifier module developed by GIGALIGHT is designed for long-distance transmission systems in digital optical fiber communication. It is specifically designed to work in conjunction with

1577nm SM Pigtailed DFB Laser Diode

1577nm SM Pigtailed DFB Laser Diode 1577nm SM Pigtailed DFB (Distributed Feedback) Laser Diode is a semiconductor optoelectronic product which can output stable laser light by the pigtailed

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

9.953G-TX/9.953G-RX Class N1 20km DOM SC SMF Optical Transceiver Module(Industrial)

10G SFP+ XGSPON OLT, Tx1577/Rx1270nm, 20km,

This product allows the distribution of multipoint connections from a 10G XGPON

Document Center, Inc.

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Fiber Optic Transceivers XGSPON Combo SFP+, TX 1577/1490 RX

Product Description XGSPON Combo SFP+, TX 1577/1490 RX 1270/1310, 10/2.5G Down 10/2.5/1.25G Up, N1/C+, DDM, Adtran 1442543F2 Compatible Integra manufactures the highest quality GSFPP

UL 1577 - Standards list

Optical Isolators UL 1577 1 Scope 1.1 These requirements cover optical isolators, also called optical couplers or photocouplers: Intended to provide unidirectional signal transfer between

XGSPON OLT XFP 1577/1270nm 20km Optical Transceiver

XGSPON OLT XFP 1577/1270nm 20km Optical Transceiver GNTP-27299-XSCD Product Features Complies with ITU-T XGS-PON and G.987.2 Support XGSPON 20km application

Economic Watch: From optical modules to chips -

The competitiveness of optical modules also largely hinges on the synergy of the complete upstream industrial chain, covering optical chips, ceramic packages and precision structural

XGSPON ONU SFP+ 1270nm-TX/1577nm-RX 9.953G-TX/9.953G-RX

OverviewThe XGS-SFP-ONT-MAC-I is a high-performance optical transceiver module designed for 10-Gigabit-capable passive optical network (XGS-PON) deployments. It functions as an integrated

10G EPON OLT SFP+ Transceiver | Symmetric 10G & Asymmetric

The 10G EPON OLT SFP+ Transceiver is a high-performance optical module designed for the central office (OLT) side of 10G Ethernet Passive Optical Networks. Unlike standard GPON, this module

XGS Combo PON OLT SFP+ | Broadex Technologies

2-wire interface for integrated digital diagnostic monitoring Digital receiving signal strength indication (RSSI) SFP+ MSA package with SC/UPC receptacle optical

Optical Isolators

Optical Isolators Underwriters Laboratories Inc. (UL) 333 Pfingsten Road Northbrook, IL 60062-2096 UL Standard for Safety for Optical Isolators, UL 1577 Fourth Edition, Dated May 10, 2000

1577nm Fiber Optic Reflector, FWDM Blocking Filter for

The product includes thin-film filter (DWDM, CWDM, Triple-play WDM), Fused Bi-Conical Taper (Coupler, WDM) and Waveguide Splitter (PLC

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

This module delivers high-speed asymmetric connectivity (10G Down / 2.5G Up) for modern broadband services. Compliant with ITU-T G.987.2 and featuring an N1 optical budget, it offers a cost-effective,

1577nm BH DML Chip

Liturex's 1577nm BH DML is a DFB laser chip specially developed for 10G FTTH applications. © 2025 LITURE. All rights reserved.

ZTE-kompatibles 10G EPON OLT SFP+ 1577nm-TX/1270nm-RX und

The ZTE Compatible 10.3125G-TX/10.3125G-RX and 1.25G-TX/1.25G-RX transceiver module is specifically designed for 10Gigabit Ethernet Passive Optical Network (10G EPON &

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UL 1577 - Optical Isolators Please note: All interim revisions for this edition available at time of your purchase will be included. Optical IsolatorsUL 15771 Scope1.1 These requirements

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