

Fiberhome Optical Modules



Summary of Content

FiberHome produces a wide range of optical modules, including SFP, SFP+, QSFP28, and CFP2 modules for various network applications, integrating lasers, modulators, photodetectors, and driver ICs.

Types and Form Factors

FiberHome manufactures pluggable optical modules in multiple form factors:

- SFP (Small Form-Factor Pluggable): Used for 1G and 10G Ethernet, EPON, and GPON applications. Examples include 1G SFP LX transceivers for Gigabit Ethernet and 10G EPON OLT SFP+ modules supporting 1577nm and 1270nm wavelengths .
- QSFP28 (Quad Small Form-Factor Pluggable 28): Supports high-speed 50G and 100G data rates, often using PAM4 modulation. Modules include bidirectional (BIDI) transceivers with LC connectors and distances up to 40 km .
- CFP2 and OSFP: High-speed modules for 100G+ backbone and data center applications, typically used in coherent optical networks .

Applications

FiberHome optical modules are designed for:

- Access networks: GPON, XGS-PON, and 10G EPON systems .
- Metro and backbone networks: High-speed 100G/200G/400G OTN and WDM transmission .
- Data centers: High-density QSFP28 modules for 50G/100G Ethernet interconnects .

Technical Features

Article Content

FiberHome AN6000 Series Cli Configuration Manual

View and Download FiberHome AN6000 Series cli configuration manual online. Optical Line Terminal Equipment. AN6000 Series

FiberHome 1.25G Optical Transceiver Gigabit Single-Mode Single

Product Overview FiberHome 1.25G Optical Transceiver FH-3512L-CD10 is a high-performance gigabit single-mode single fiber SFP

FIBERHOME HOME

On November 4th, the 2023 ACP (Asia Communications and Photonics) Industrial Forum, hosted by FiberHome, was successfully

Fiberhome OLT System Test Procedure

Fiberhome specializes in manufacturing a wide range of products and solutions for optical communication networks. Even though its

What is LPO Optical Module? | FiberMall

The key difference between LPOs and traditional optical modules is the Linear-drive. The

FiberHome® Optical Fiber Products Overview

The document discusses FiberHome's optical fiber products including their low water peak single-mode fiber, bending insensitive

FiberHome ORTH001373 Datasheet

The FiberHome ORTH001373 100G QSFP28 LR4 optical transceiver module supports 100Gb/s and up to 10 km transmission on SM

Fiberhome olt module

As cities embrace digitalization, FiberHome OLT modules play a pivotal role in building smart city ecosystems. They form the

FIBERHOME AN6000 SERIES USER MANUAL Pdf Download

View and Download FiberHome AN6000 Series user manual online. Optical Line Terminal Equipment MIB. AN6000 Series network

Fiberhome

The FiberHome SFP-10G-40-2733-BI is hot pluggable Small-Form-Factor SFP+ Bi-directional transceiver module, which is designed

AN6000-2 OLT Configuration Guide | PDF | Command Line Interface

This document provides a CLI configuration guide for FiberHome Optical Line Terminal equipment. It describes how to log into the

[AN6001-G16 Installation Guide | PDF | Electrical Connector | Optical](#)

[OLT fiberhome AN6001-G16.pdf](#) - Free download as PDF File (.pdf), Text File (.txt) or read online for free. This document provides

[FiberHome 10G Optical Transceiver FH-551XL-CD40 | 10 Gigabit](#)

This 10G optical transceiver module delivers exceptional signal integrity and network stability, making it ideal for data centers,

[FiberHome ORTH001359 Datasheet](#)

The FiberHome ORTH001359 GPON-OLT-C++ is a high-performance class C++ GPON OLT SFP transceiver designed for point-to

[FiberHome - Hypernet](#)

Furthermore FiberHome Technologies is the unique supplier globally for end-to-end solutions with optoelectronic devices, optic fiber

[Optical Fiber and Cable](#)

FiberHome provides complete solutions for the integration of telecommunication networks on outdoor application, including long haul

[Genuine FiberHome Transceiver Modules](#)

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[FiberHome 1.25G Optical Transceiver Gigabit Single-Mode Single](#)

The FH-3512L-CD10 transceiver from FiberHome is a single-fiber SFP optical module that delivers 1.25Gbps high-speed

[FiberHome Optical Cable Specifications](#)

This document contains specifications for four fiber optic cables produced by FiberHome Technologies: 1) A 12-fiber riser cable using

[MWC 2026: Top 10 Innovative Highlights from FiberHome](#)

FiberHome delivers core driving force for the in-depth digital-intelligent upgrading of global vertical sectors with its

[FiberHome ORTH001275 Datasheet](#)

This tunable SFP+ module features a duplex industry-standard LC connector. The ORTH001275 tunable SFP+ transceiver provides

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FACT optical distribution frame (ODF) solution

As a modular solution, the FACT optical distribution frame (ODF) solution is fully customizable: four modular frame versions for

FiberHome GPON-OLT-Class C+ Transceivers: A Complete Guide

FiberHome, a global leader in optical communications, has engineered the GPON-OLT-Class C+ module to address

Layout 1

In addition, the use of erbium-doped fiber amplifiers (EDFAs), which amplify optical signals directly, without optical-electrical-optical

The Top 10 Competitiveness Enterprises in the Optical

The commercialization process of multi-core optical fiber and few-mode optical fiber accelerating, and the collaborative design of

Buy FiberHome GE/10GE Optical Module Best Price

Inquire FiberHome GE/10GE Optical Module Price, Wholesale FiberHome GE/10GE Optical Module with best discount for

Fiberhome Metal Indoor Wall-mounted Optical Fiber Terminal Box 12

Shop Fiberhome Metal Indoor Wall-mounted Optical Fiber Terminal Box with 12 SC single-mode ports. Full-matching set ideal for

ORTH000663

This 1G SFP LX transceiver module fully complies with the SFP

Hardware Description

The control module is used for configuring the entire system, collecting and reporting statuses, processing protocols, and providing

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://benniedesignstudio.co.za>

Email: sales@benniedesignstudio.co.za

Phone: +27 82 391 4765

Address: The Towers, 1 St Georges Mall, Cape Town, 8001, South Africa

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