

Huawei Fiber Optic AC Panel



Article Overview

A Huawei fiber optic AC panel is a rack-mounted device used for fiber termination, management, and interconnection in optical networks.

Overview

A Huawei fiber optic AC panel, such as the FTU2114 series, is designed to provide efficient fiber termination and flexible cable management in enterprise, campus, or FTTH networks . It is typically installed in 19- or 21-inch network cabinets and supports high-density fiber connections, making it a central point for organizing optical fibers near active network equipment like switches, routers, or servers .

Key Features

- **Rack-Mountable Design:** 1U high, compatible with standard 19/21-inch cabinets, allowing easy integration into existing network racks .
- **High Capacity:** Available in configurations supporting 48 cores (SC/APC or SC/UPC) and 96 cores (LC/APC), accommodating large-scale fiber deployments .
- **Pull-Out Tray:** The panel includes a pull-out tray (up to 15.6 cm) for convenient access during installation or maintenance .
- **Flexible Cable Routing:** Supports front-to-back or back-to-front fiber entry and exit, enabling organized and efficient cable management .
- **Fiber Termination:** Provides a secure interface for connectorized fiber termination, reducing signal loss and protecting fibers from environmental exposure .
- **Ease of Operation:** Designed for Moves, Adds, and Changes (MAC), simplifying network expansion or reconfiguration

Article Content

Jan 17, 2026

What Is an Optical Module and Its FAQs (V200)

Fundamentals of an Optical Module As an important part of fiber-optic communication, an optical module is a photoelectric converter

Apr 22, 2026

Optical distribution frame (ODF)

Optical distribution frame (ODF) The FIU2117/FTU2114 can be installed in 19 inch or 21 inch integrated cabinets with depth greater

Jul 20, 2026

OptiXaccess MA5801S (Blade OLT)

Some geographical conditions are complex, such as islands and mountainous areas, and therefore they consume high upstream

Jun 04, 2026

F1001-AC Datasheet 04

Datasheet eKitOptiX F1001-AC Datasheet Date: 2024-07-19 Overview Huawei ekitOptiX F1001-AC is an enterprise

Feb 21, 2026

F1001-AC QUICK START 04

After an optical AP is connected to a MiniFTTO network, the network settings of the optical gateway are synchronized to the optical

Oct 12, 2025

Huawei MiniFTTO Solution for Small and Micro Campuses

Based on F5G technologies, the MiniFTTO solution features innovative media, architecture, and O& M, extending fibers to every

Oct 27, 2025

Huawei OptiXstar P871E ONU

Huawei OptiXstar P871E is a panel-type ONU that can be easily installed in 86-type electrical boxes, featuring one GPON port and

Jun 03, 2026

Optical Access

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

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HG8310M Huawei Optical Fiber Modem XPON ONT

Transform your digital experience with the HUAWEI ECHOLIFE HG8310M HG8010H XPON ONT English Version. Driven by cutting

Jan 10, 2026

What are the models of Huawei AOC fiber optic cables?

Huawei AOC cable models AOC cables are high-speed active optical cables integrating optical modules and optical

Sep 14, 2025

Optical Fiber Connector

In principle, optical fiber connectors with different ceramic ferrule endfaces cannot be connected. Generally, connecting a PC

Feb 22, 2026

Fiber Breakout

This section describes the positioning, usage scenario, structure, and technical specifications of breakout fibers. In breakout fiber

May 06, 2026

FTU2114 (1U) Datasheet 03

Building an Efficient Fiber Infrastructure. The FTU2114 series can be installed in the 19/21 inch network integrated cabinet with depth

Mar 10, 2026

Huawei SmartAX EA5800 Series OLT | Huawei Enterprise

The SmartAX EA5800 multi-service access device is an intelligent distributed aggregation OLT platform intended for enterprise

Jun 20, 2026

Huawei Fiber Optic FTTR Wall Mounted SC/APC

Product description The YB816 FTTR fiber optic distributor is a compact wall mounted junction box in FTTR and FTTH applications.

Dec 15, 2025

Huawei OptiXtrans DC908 Series

An optical-electrical Wavelength Division Multiplexing (WDM) transmission device designed for Data Center Interconnect (DCI) and

Dec 18, 2025

Huawei Fiber Optic FTTR Wall Mounted SC/APC

Designed for FTTR (Fiber To The Room) and FTTH installations in residential and office buildings. Ideal for structured house wiring

Mar 11, 2026

Huawei GPX147-C3 Optical Cabinet 47U 19-inch Front/Rear Door

The Huawei GPX147-C3 is a carrier-grade optical cabinet designed for FTTX and telecommunication networks, providing secure,

Oct 07, 2025

Huawei FTTR for Home | FTTR-B Solution | Fiber to the room

Huawei's fiber to the room (FTTR) solution extends fibers to rooms and provides various gigabit Wi-Fi 6 master/slave FTTR units, all

Oct 04, 2025

Optical Fiber

AOC An active optical cable (AOC) is a fixed-length optical fiber with optical modules at both ends. It can be directly connected to an

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Huawei CAB-T100-AC-FIBER Price Datasheet F01T100 Pure Optical ...

; Home Huawei Huawei (By Function) Enterprise Network Access Network GigaFiber& GigaCoax OLT Series CAB-T100-AC-FIBER

Nov 12, 2025

Access terminal box (ATB)

Access terminal box (ATB) An access terminal box (ATB) is used to connect drop cables and passive ONU devices. It is installed on

Nov 06, 2025

Fiber access terminal (FAT)

Fiber access terminal (FAT) The FAT2808 series adopts the FastConnect technology, which makes FTTH deployment and

May 30, 2026

HUAWEI FTTH 8 Cores Fiber Optic Terminal Box

Telhua's HUAWEI FTTH 8-core fiber optic terminal box delivers high-density, reliable termination with IP65

Feb 11, 2026

Fiber to The Room (FTTR) Solution

Huawei OptiXstar K662d Huawei OptiXstar K662d is a desktop slave FTTR that works with the master FTTR in the Huawei FTTR for

Jun 27, 2026

Optical Terminal

The OptiXstar product series extends optical connectivity to every home, enterprise, and campus, bringing families closer and

Jun 02, 2026

Optical Access

Huawei's MiniFTTO solution provides dual-band Wi-Fi 6, enabling ultra-gigabit all-optical wired and wireless access anywhere. It

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Huawei E0PANEL01 2U Fiber Management Panel Box Type

This 2U rack-mounted fiber manager panel provides 24 SC/APC ports with integrated cable management, ensuring orderly patching

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Fiber distribution terminal (FDT)

Fiber distribution terminal (FDT) The FDT2116D-1536 fiber distribution terminal is used in FTTH networks to connect feeder cables

Oct 09, 2025

AirEngine 5762-15HW Access Point

Huawei AirEngine 5762-15HW is a hybrid optical-electrical Wi-Fi 6 wall plate AP that supports 2 x 2 MIMO,

Jul 16, 2026

OptiXstar F1001-AC Datasheet

F1001-AC Datasheet Overview Huawei OptiXstar F1001-AC is a. enterprise primary gateway. It supports Ethernet GE or XG-PON

Nov 14, 2025

Decoded: Extending optical fiber to every room of the home ...

Fiber-to-the-Room (FTTR) is about extending optical fiber throughout the home so that Wi-Fi is perfect

Contact Us

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