

Huawei Super Optical Cable Model



AI Overview

Huawei offers a range of Super Optical Cable models including hybrid copper-fiber cables, active optical cables (AOCs), and compatible patch cords like SS-OP-D-LC-S-30.

Hybrid Copper-Fiber Cables Huawei's hybrid cables combine optical fibers and copper conductors to support high-speed data transmission and PoE++ power delivery. They are designed to break the 100-meter Ethernet limit, enabling flexible deployment of RUs and Wi-Fi 6/7 APs. Key versions include:

- V1.0: Optical fibers and copper separated at termination.
- V1.5: One end separated, one end integrated.
- V2.0: Fully integrated fibers and copper at termination, recommended for most deployments.

These cables are lightweight, flexible, and can be cut to required lengths without a site survey, reducing installation costs.

Active Optical Cables (AOCs) Huawei AOCs are high-speed optical cables with integrated optical modules, ideal for data center interconnections. Common models include:

- SFP+ to SFP+ (3m, 10m)
- SFP28 to SFP28 (3m, 5m, 7m, 10m)
- QSFP+ to QSFP+ (10m)
- QSFP+ to 4*SFP+ (10m)
- QSFP28 to QSFP28 (10m)

These cables support high bandwidth, low power consumption, and are suitable for connecting servers, switches, and HBAs in data centers.

Patch Cords A widely used Huawei-compatible patch cord is the SS-OP-D-LC-S-30, a single-mode duplex LC-LC fiber cable:

- Length: 30 meters (also available in 0.5-50 meters)
- Fiber type: G.657.A1, E9/125μm
- Input loss:

Article Content

Optical Terminal

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

Huawei compatible SS-OP-D-LC-S-30 Fiber Optic

Use BlueOptics SS-OP-D-LC-S-30 (compatible with Huawei) Fiber Optic Patch Cable and equip your networks for increasing requirements.

Huawei Modem Configuration Guide

Please connect your modem to the Optical Network Terminal (ONT) or Network Termination Device (NTD) or Fibre Box via the WAN port of your modem using an Ethernet cable.

400G Optical Modules 2026 Guide: DR4 vs. FR4 vs.

Our CCIE/HCIE team shares lab-tested benchmarks for DR4, FR4, and LR8, focusing on power efficiency, latency, and AI cluster scalability.

SFP-10G-AOC-3M

SFP-10G-AOC-3M (02311BKP) Huawei compatible Active Optical Cable is based on our 10G-AOC-SFP product, which is fully compliant with SFP+ Multi Source Agreement (MSA) SFF-8432 standard,

Huawei Hybrid Copper-Fiber Cable Brochure

Hybrid cables feature the advantages of both optical and copper cables, including long-distance transmission, high bandwidth, and power supply, and can connect hybrid optical-electrical switches

Advancing Industrial AI Intelligence

Huawei Enterprise provides a broad range of innovative ICT infrastructure products and solutions for vertical industry and enterprise customers worldwide.

HUAWEI Pura 80 Specifications

HUAWEI Pura 80, with Ultra Chroma XMAGE Camera, Full Focal HD Photography, Super Macro, Kunlun Glass 2nd Generation, 66 W HUAWEI SuperCharge and 50 W Wireless HUAWEI

Huawei Unveils StarryLink Optical Modules That Deliver

BARCELONA, Spain, March 6, 2025 /PRNewswire/ -- At the Mobile World Congress 2025 (MWC 2025), Huawei launched the StarryLink optical modules, designed to

HUAWEI nova 15 Specifications

View full specs of HUAWEI nova 15, including available colours, Dimensions, display, photography, and battery life, and more.

Huawei Compatible Active Optical Cables (AOCs) | HPC Optics

Select from a broad range of Huawei Compatible active optical cables. AOC cables from HPC Optics are available with SFP+, SFP28, QSFP, QSFP28, or QSFP-DD connectors.

Optical Fiber

You are advised to use Huawei optical modules. Optical modules from other vendors may cause incompatibility issues and lead to faults on the USG6000E.

Environmental Equipment & Supplies

Find & compare Environmental equipment for a variety of industrial applications from thousands of suppliers. Get accurate info & quotations for your projects.

Optical Fiber

For CFP optical modules, choose 24-strand fibers for the CFP-100G-SR10 module and 8-strand or 12-strand fibers for other modules. Choose 8-strand or 12-strand fibers for QSFP28 modules.

Building AI-Optical Network to Drive New Growth in the AI Era

For new opportunities in national and international DCI, Huawei has launched the industry's only ultra-large OTN cluster solution and integrated submarine-terrestrial cable solution.

Huawei Compatible Transceivers and Cables

Huawei Compatible SFP-10G-CU50CM SFP+ Twinax Cable Huawei Compatible SFP-10G-CU50CM 10Gb/s 0.5m SFP+ Twinax Direct-Attach Cable Part Number: SFP-10G-CU

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 optical port on a device. In short-distance connection scenarios, AOCs

HUAWEI Mate 80 Pro Specifications

View full specifications of HUAWEI Mate 80 Pro including available colours, screen, camera, battery life, storage, and more.

Huawei Compatible 3m (10ft) 40G QSFP+ Active Optical Cable

The 40G-QSFP-A is an advanced Active Optical Cable (AOC) designed for high-performance, high-speed connectivity. It features QSFP+ connectors and is optimized for operation over Multi-Mode

IdeaHub Board 2 | Education Display | Huawei Enterprise

HUAWEI IdeaHub Board 2 education display integrates teaching hardware and a software ecosystem to provide a one-stop smart classroom solution. Discover it.

Striding Towards the Intelligent World White Paper

For example, optical cables can be buried along important pipelines to collect external vibration signals. The signals can then be used to accurately analyze and identify construction events and locations,

What are the models of Huawei AOC fiber optic cables?

Walsun, as a professional optical module manufacturer, can provide the above AOC cable products. In data center rooms, 10G SFP+ and 40 QSFP+ devices are connected to various

Identification: Replacement (optical?) cable for Huawei

I have a friend in a holiday villa in Spain with a Huawei HG8247U router. He says he needs to replace a broken cable, but I don't recognise it (it looks like

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 fibers, offering convenience and simplicity in usage, making them highly

Huawei Compatible 10m (33ft) 10G SFP+ Active Optical Cable

The 10G-SFP-A is an SFP+ Active Optical Cable (AOC) module delivering 10Gbps full-duplex connectivity for enterprise networks, data centers, and high-performance computing.

FTTR for Home Solution Brochure 01 (F30)

HUAWEI FTTR OptiXstar F30 Choose Huawei FTTR for Whole-House Wi-Fi Huawei OptiXstar Huawei OptiXstar 2023 FTTR | All-Optical Home Solution What is Huawei FTTR for Home

What Is StarryLink Optical Module? Why Do We Need It?

The StarryLink optical module is a core component developed by Huawei for data center networks. It delivers ultra-long-distance transmission, exceptional reliability, and enhanced security,

Intelligent OptiX Network | OptiX | All-Optical

Huawei's intelligent OptiX network strategy aims to build intelligent, simplified, ultra-broadband, and ubiquitous next generation all-optical networks.

Contact Us

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