

Huawei Super Optical Cable Model Specifications



Article 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)...

Article Content

Sep 18, 2025

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

Jan 28, 2026

HUAWEI NIP6300, NIP6600 Series V500 Hardware Guide (pdf)

HUAWEI NIP6300, NIP6600 Series V500 Hardware Guide (pdf) This document of the NIP6300 and NIP6600 Series describes

Oct 03, 2025

Classification and Specifications of HUAWEI Transceivers

HUAWEI transceivers can be classified according to different standards. Depending on transmission rates, the transceivers are

Dec 29, 2025

OSN 9800 U Series

Features the industry's highest level of integration. A single slot of the OptiX OSN 9800 U series supports a maximum of five 200G

Jun 09, 2026

CloudEngine 16800 Series Switches Hardware Description (V300)

Understanding AOC Cables Overview An active optical cable (AOC) is an active optical fiber with optical modules at both ends, and

Sep 01, 2025

Huawei CPRI Fiber Cable P/N 14130645 | PDF | Optical Fiber | Optical ...

Sogoo Technology Co., Ltd offers the Huawei Optical Cable P N 14130645, a single mode fiber cable with a length of 50m and

Feb 17, 2026

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+,

Jun 09, 2026

Dual-ended SC Connector Self-bonding Transparent Fiber Datasheet

Do not leave the optical cable in a vehicle exposed to sunshine. The adhesive will melt at a temperature higher than 60 o C and

Jan 21, 2026

SFP-10G-AOC-5M

SFP-10G-AOC-5M (02311PQS) is Huawei compatible 10G Active Optical Cable, operating over Multi-Mode Fiber (MMF). 10G Active

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Huawei Optical Module Common Models

Huawei's main business scope is switching, transmission, wireless and data communication telecommunication products, providing

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Optical Modules in General-Purpose Computing Scenarios

Huawei offers a comprehensive portfolio of pluggable StarryLink optical modules for data center networks, with various models

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How OptiX SuperSite Launches High-speed Access into the ...

OptiX SuperSite can provide industry and home users with high-speed connectivity through carriers' experience-centric all-optical

Oct 20, 2025

Huawei Huawei Cables Price And Datasheet

Hi-Network offers both new and refurbished Huawei Cables products, with global shipping available within 5-7 days from Hong

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Optical Access

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

Dec 06, 2025

HUAWEI Pura 80 Specifications

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

Aug 08, 2025

Huawei Compatible Transceivers and Cables

Huawei Compatible SFP-10G-CU50CM SFP+ Twinax Cable Huawei Compatible SFP-10G-CU50CM 10Gb/s 0.5m SFP+ Twinax

Dec 13, 2025

Second-Generation Hybrid Cable

The second-generation hybrid cable integrates optical fibers and copper cores for data transmission and PoE power supply to devices.

Mar 09, 2026

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

Designed with integrated multimode fiber and low-power optical engines, it supports link lengths up to 100m while consuming <0.8W.

Apr 14, 2026

OptiX OSN 9800 M Series Datasheet

OptiX OSN 9800 M Series The OptiX OSN 9800 M series are Huawei's next-generation flagship WDM products. They are designed

May 26, 2026

Optical Modules for Huawei S Series Switches

A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper

Jan 23, 2026

10GE SFP+ Optical Modules

This document provides an overall description of the CE12800 series switches hardware, helping you obtain detailed information

Nov 18, 2025

Optical Terminal

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

Dec 24, 2025

Huawei Unveils StarryLink Optical Modules That Deliver Ultimate

BARCELONA, Spain, March 6, 2025 /PRNewswire/ -- At the Mobile World Congress 2025 (MWC 2025), Huawei launched the

Oct 31, 2025

Huawei Optical Modules and Cables

Buy Genuine Huawei Optical Modules and Cables from GenuineModules with best price and fast worldwide shipping.

Sep 23, 2025

OptiX OSN 9800 M Series Datasheet

The OptiX OSN 9800 M series are Huawei's next-generation flagship WDM products. They are designed for Optical Networking 2.0

Jan 09, 2026

S110, S220, S310, S530, and S620 Hardware Description

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

Jan 10, 2026

01-09 CABLES

Huawei S series models support both straight-through and crossover cables and their ports are adaptive to the cable types. Use

Oct 29, 2025

Second-Generation Hybrid Cable

The optical port is used for data transmission, while the electrical port is used for PoE power supply. To connect the second

Feb 07, 2026

10 Gbit/s SFP+ Optical Module

10 Gbit/s SFP+ Optical Module You can use different levels of 10 Gbit/s SFP+ optical modules only with 10 GE

Oct 29, 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

Nov 12, 2025

NetEngine AR600, AR6100, AR6200, and AR6300 Hardware Description

Each optical module with separate Tx and Rx channels must be used with two optical fibers of the same type. Each single-fiber

Contact Us

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

Website: <https://www.greatpremiersolutions.co.za>

Email: sales@greatpremiersolutions.co.za

Phone: +27 82 914 3675

Address: Unit 5, Silicon Heights, 22 Electron Avenue, Cape Town, 8001, South Africa

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